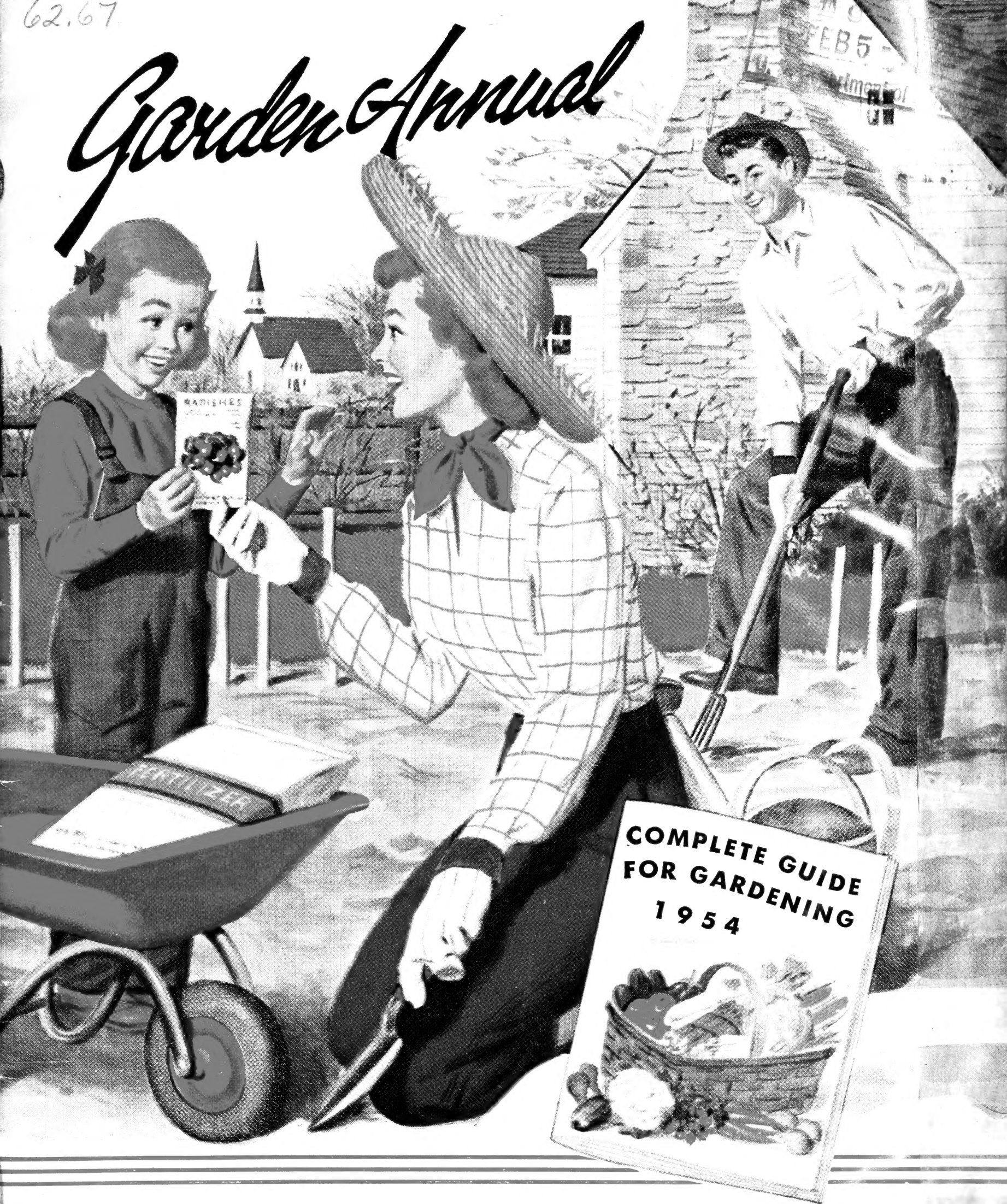


62.67

# Garden Annual



## THE GARDEN STORE

107-109 E. Third St.

DAYTON 2, OHIO

# the Best of the New

Here at our store we try to keep one step ahead and always offer you the "best of the new." The newest flowers, vegetables, garden supplies and especially the latest information on successful gardening.

In line with this policy, each year we announce the All America Awards. This year only one flower received this honor. The fiery, Blaze Zinnia.

Again there were no introductions in the vegetable world this year which the judges felt merited an award. Instead, they have chosen from past winners, a family garden of the 24 best vegetables.

## ALL-AMERICA SELECTIONS

### 1954 ALL AMERICA Zinnia—Blaze

The fiery red and orange hybrid giant Zinnia **Blaze** was the only flower winner of the All America Award for 1954.

Unique and distinct it is a combination of fiery mandarin red and scarlet orange. The flowers are bigger than those of the dahlia flowered zinnias and the petal formation is varied, of the informal fluffy or ruffled type.

**Blaze** is true to color and its stem length and keeping qualities make it truly an exhibition flower. Zinnias are one of the most popular and easiest growing of all our annuals because they thrive in our hot summers.

Seeds may be sown in a sunny window and transplanted, but it is best to sow later in the open ground. Zinnias will thrive in almost any soil and are one of the best and most colorful cut flower annuals.



### Flowers That Have Had The Test of Time

The past 20-odd years have seen some outstanding developments in flowers, both in attainment of striking range of color and in disease resistant, all-around healthier stronger plants. It's interesting to see which of these flowers have remained popular and have stood the test of time.

Marigolds hold top place among varieties chosen for All America Awards, with Petunias coming a close second.

The following All America selections have remained favorites in the flower garden:

ANCHUSA—Blue Bird  
CALENDULA—Sunshine  
CLEOME—Pink Queen  
CORNFLOWER (Centaurea)—Jubilee Gem  
COSMOS—Dazzler, Fiesta, Radiance, Sensation.  
CYNOGLOSSUM—Firmament  
HUNNEMANNIA—Sunlite  
MARIGOLD—Melody, Spry, Scarlet Glow, Sunkist, Real Gold, Mammoth Mums, Yellow Supreme.  
MORNING GLORY — Pearly Gates, Scarlett O'Hara  
NASTURTIUM — Glorious Gleam Hybrids, Golden Gleam, Golden Globe, Scarlet Gleam.  
PANSY—Swiss Giants  
PETUNIA — America, Comanche, English Violet, Fire Chief, Flaming Velvet, Silver Medal.  
PHLOX—Art Shades  
TITHONIA—Torch  
VERBENA — Lavender Glory, Spectrum Red  
ZINNIA—Persian Carpet.

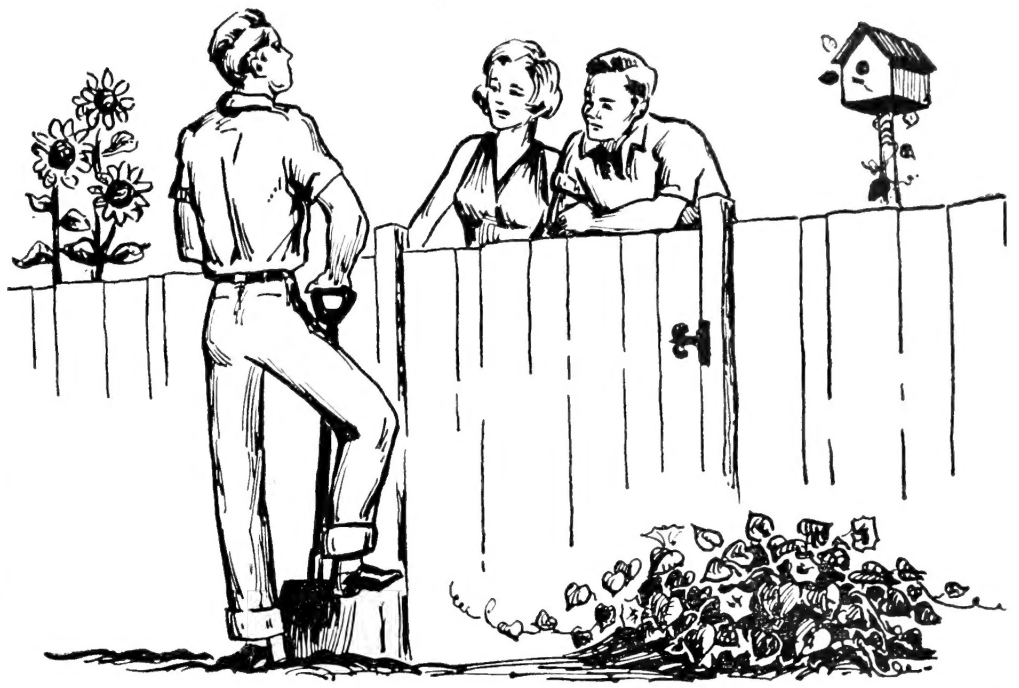
### The 1954 All- America Garden

This is the family garden of 24 kinds of vegetables of the **best varieties ever introduced** which was chosen as the 1954 All America Vegetable Garden. You can be assured of the **best quality, highest yields and tastiest vegetables** when you plant these "Re-Selected All America Vegetables."

LIMA BEAN—Fordhook 242  
SNAP BEAN—Topcrop  
BEET—Perfected Detroit  
CABBAGE (Savoy)—Chieftain  
CABBAGE (Plain)—Penn State Ball-head  
CANTALOUPE—Honey Rock  
CARROT—Imperator  
CAULIFLOWER—Ideal Snowball  
CORN (Sweet)—Iochief  
CUCUMBER—Marketer  
ENDIVE—Full Heart  
LETTUCE (Head)—Great Lakes  
LETTUCE (Leaf)—Salad Bowl  
MUSTARD—Giant Southern Curled  
OKRA—Clemson Spineless  
ONION—Sweet Spanish (Valencia)  
PARSLEY—Paramount  
PEA—Freezonian  
PEPPER—Sweet Banana  
RADISH—Cherry Belle  
SPINACH—America  
SQUASH—Early Prolific Straightneck  
TOMATO—Pritchard  
WATERMELON — Congo, New Hampshire Midget



# OVER THE GARDEN GATE



We're seedsmen by trade and gardeners by nature, and that's why we know that the cultivation of beauty and the achievement of satisfaction depend to a great extent on the understanding with which they are practiced.

This year there will be more gardens than ever before, because Americans are realizing that both flowers and vegetables are essential to good living. Modern science has done much to make the gardener's work easy, to help him grow bigger and better flowers and vegetables and growers are constantly striving to make these disease resistant and more productive.

Scientists are tirelessly searching for ways to improve the soil structure, enrich it, eradicate weeds, get rid of insect pests and to provide tools which make gardening a pleasure instead of a chore.

The last two years have seen the introduction of soil conditioners which transform poor soil into loam, rendering it more friable and loose, increasing water retention, better aeration and facilitating plant root development.

There's even a weed preventer, preventing weeds before they grow!! This product kills the weed seeds when they are in their most vulnerable state, just as they are beginning to sprout. This alone helps

prevent most of the home gardeners' weeding "backaches," because the weeds are killed before they get a chance to become a problem.

The real secret behind this weed preventer is that it *isn't weed killer when it's sprayed*. But soil bacteria work on it and actually change it to another chemical, one that kills weed seeds as they're starting to sprout. And, since it isn't a weed killer when you put it on, there's little or no danger of damaging the leaves of other garden plants.

There is no limit to miracles of science, and each step is in the right direction, encouraging more and more men and women to "grow their own."

We are glad that the public interest is centered on home gardening and we want to do everything we can to help you enjoy your gardens and to learn how to better take advantage of the miracles of science, right in your own yard.

*Gardening is an expression of one's self . . . be it the beauty of a flower garden, the even turf of a well-kept lawn, the wealth of a bountiful vegetable garden, well tended shrubs or even one plant or one garden. But whatever it is, it's there because you put it there yourself and the responsibility of its well-being, and the beauty and satisfaction it may give, is in your hands. Happy gardening to you!*

Try zinnias for a colorful border, bright as a summer day.



A bountiful vegetable garden for the whole family.







# Let us help you Plan a Garden



Proper staking for space conservation



An ideal border is colorful all season

Yes, indeed, and it's a pleasure for us to present this Garden Annual to you, because it's full of good, down-to-earth gardening information, designed to help you, our neighbor, have the best garden in town.

We've always made it our job to serve the gardeners and growers in our area (both in our store and by means of this book) and we work with the needs of our neighbors' gardens in mind. We know from experience exactly what our local needs are, and we choose our stocks carefully to suit these needs.

We offer a complete year-round, local garden service, and our knowledge of gardening is part of our stock in trade. As seed professionals we know what you'll need every step of the way.

You will find that this, your Garden Annual, is far more than a seed catalog, it is a practical gardening reference book. In these pages, as well as in our store you'll find the answer to most of your gardening needs.

Drop in and see us soon and make our store your Gardening Headquarters.

**MAIL ORDERS:** Please refer to paragraph regarding mail orders on the opposite page.

## THE GARDEN STORE

*"Home of Friendly Garden Service"*

**107-109 EAST THIRD ST.**

**DAYTON, OHIO**



Whether you're a beginner or an experienced gardener, we're sure that you'll find much that is helpful in this catalog. You can begin to use it right now as a guide for your planting, then later on, use it as a guide to more effective action through the season.

Many gardeners like to govern their planting by the phases of the moon, and we have compiled for them all the necessary information. It's fascinating, and certainly worth a try. Be sure and look at the **Moon Planting Guide on page 27**. Although, as seedsmen, we can't vouch for the effectiveness of this method, we are glad to provide this complete and up-to-date chart for those who want it.

Have you ever wondered **how deep seed** should be planted? **How far apart** in rows? **Time to maturity?** **Shape?** **When to plant?** All these questions are answered for you in a handy **Vegetable Planting Guide** found on page 38 of our Garden Annual.

And flowers—there's a complete **Flower Garden Planning Guide** on page 19, which will tell you which flowers you should plant for dry hot places—for a succession of blooms—shady locations—poor soil—edging—for the rock garden—for their foliage—fragrance—background—In fact, everything you want to know before you start planning your flower garden.

Explicit step by step instructions are given on page 20 to help you build and maintain a beautiful lawn.

#### SALES TAX

3% Ohio sales tax must be added by all Ohio customers on all items listed in this catalog except seeds and bulbs unless you have filed with us a signed Tax Exemption Certificate as prescribed by the Tax Commission of Ohio.

#### MAIL ORDERS

Shipping charges on all items listed in this catalog are for the customers account except on Lawn Seed. Flower and small garden seeds, unless otherwise specifically noted. We will prepay postage on all flower bulb orders of \$2.00 or more if cash accompanies order. Our moderate prices do not permit our assuming shipping costs on bulk quantities of Peas, Beans and Corn or other heavy merchandise.

## THE GARDEN STORE

**"Home of Friendly Garden Service"**

**107-109 EAST THIRD ST.**

**DAYTON, OHIO**



Proper dusting to control the Mexican bean beetle. Care is taken to hit the undersides of the leaves.



Reaping the harvest. A well tended garden gives ample returns as seen in the mess of peas being picked.

#### WARRANTY

Our Company warrants to the extent of the purchase price that seeds or bulbs sold are as described on the container within recognized tolerances. Seller gives no other or further warranty, express or implied.





# A Pencil and Paper is the Starting Point



A well planned garden is started on paper first. There are several reasons for this, but the main one is to keep your garden producing during all the growing season.

Chart it out to scale on paper and keep a record so that you can rotate your crops correctly as well as plan your succession crops, catch crops, and inter-crops. You will save ground space too, and that means less watering and less weeding to be done. **Sit down and use the pencil and you save standing up and using the hoe.**

On page 38 of our Garden Annual you will find a comprehensive guide that will give you all the information you need to plan your garden on paper. The amount of seed required, the proper spacing between seeds and rows,

the growing period and the approximate yields are all shown in this guide.

The best procedure is to start with a rough sketch. Try all your ideas in combinations during this rough sketch stage. When you have what you want, convert your rough sketch into a final plan, drawn to scale. A scale of one quarter of an inch representing one foot works very well, because by using one sixteenth of an inch as three inches, almost any standard spacing of the rows can be shown in exact scale.

The most important point to remember in planning your vegetable garden is family preference. If they're fond of beans, for instance, don't be satisfied with a single large planting, but make several smaller plantings at two week intervals.

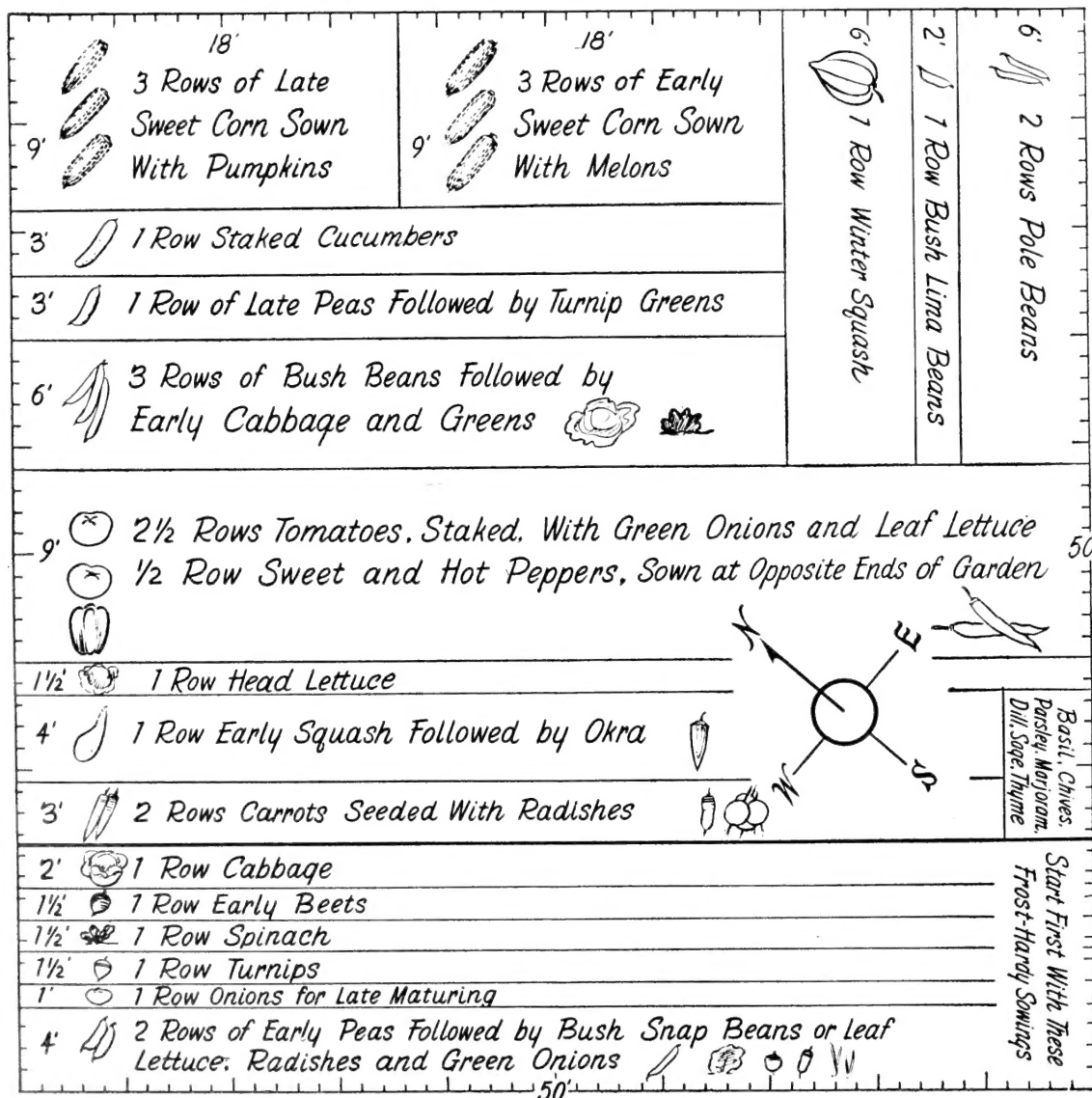
Divide the garden into three sections if possible.

(1) Root vegetables, (2) Leaf vegetables, (3) Fruit vegetables.

By switching these three groups every year you avoid many soil-borne diseases and insects and get better use of fertilizers. This isn't absolutely necessary, but it is one of those details that the smart gardener watches.

High growing vegetables such as sweet corn, pole beans and staked tomatoes should preferably be on the north side of your garden, otherwise they will ultimately cut off the life-giving sunlight from your lower growing vegetables. Your sweet corn area is better planned if it is grouped in a square rather than a long row or two. This insures better and easier pollinization.

## A SUGGESTED 50' x 50' GARDEN



## Substitutions

Mustard  
Garden  
Cress

Plant early in space later required by spreading squash vines.

Summer Squash

Spinach  
Spinach

Plant early in space later required by spreading squash vines.

Beans—Lima or Green Soy

Bush Beans followed by late Lettuce

Bush Beans followed by Cauliflower

Late Peas followed by late Cabbage

Midseason Peas followed by late Cabbage

2nd early Peas followed by Rutabagas

1st early Peas followed by Brussels Sprouts

Carrots, Radishes, followed by Kohlrabi

Early Beets followed by Carrots, Radishes

Lettuce followed by late Beets

Kohlrabi followed by Endive

These plans will produce a balanced diet for a family of four. Climbing vine crops and tomatoes can be tied to adjoining fences thus saving space and staking work.



Crops that remain in the garden throughout the entire growing season should be located where they will not be disturbed. Early crops should be planted together. When they are harvested, the space can be used again for fall crops.

Successive cropping should be practiced in every garden. This may be carried out in two ways. One crop may follow another in the same season . . . late cabbage or sweet corn may be planted in the space from which early peas, beans, lettuce or radishes have been harvested. **Or successive planting of the same crop may be made at intervals of seven to ten days.** This will provide a continuous supply of such crops as sweet corn, string beans, spinach and radishes.

Companion cropping is also important. This is the growing of two or more crops on the same area at the same time. Quick maturing crops like spinach, beans, kale, lettuce and radishes may be planted between the rows of egg-plant, tomatoes, melons, okra or other crops that occupy the ground during the entire season. The early crops will have time to mature and be harvested before the later ones will require the entire space for full development.

With your plans complete, you are now ready to order your fertilizer, seeds, tools and insecticides. It is to your advantage to do this as early as you can. Late in the season many desirable varieties may be sold out.

### Pointers

A rich sandy loam is the best garden soil, but if you have either heavy clay or light sand, the same materials will improve both—the new soil conditioners, decayed vegetable matter—old rotted manure, peat moss, commercial humus or well-rotted leaves.

**Don't apply lime unless it is really needed.** Usually a soil that will grow good beets is all right. If beets do poorly and grow irregularly, you can add about 50 lbs. of hydrated lime or 100 lbs. of ground limestone to each 1,000 square feet of garden. If you have a pH tester, most flowers and vegetables will do well in a soil between 6.0 and 7.0.

**Do supply plant food.** Before digging or plowing the garden, apply 4 lbs. of balanced fertilizer over every 100 sq. ft. of garden. Divide fertilizer into two lots, sowing one with the wind and the other across the wind. Better yet, use a fertilizer spreader.

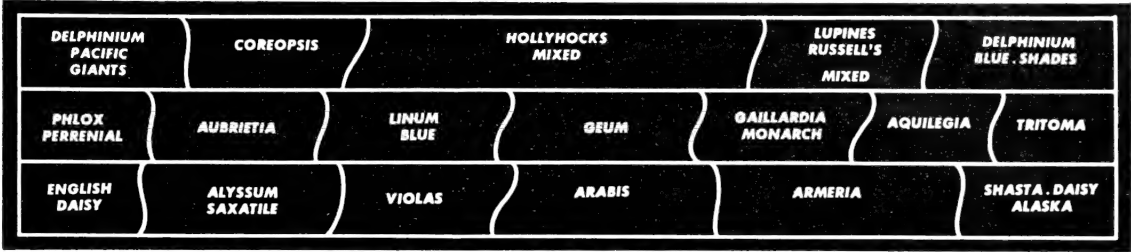
**Don't plant in wet ground.** No soil is right for gardening that can't pass the "mud pie" test. To make a mud pie test, pick up a handful of soil and squeeze it slightly. If it balls or packs together and won't crumble when you apply light pressure, it is entirely too wet to work.



#### PLAN FOR A GARDEN OF ANNUALS (approximately 25 feet long)

Planning the flower garden is fun. Here your skill as a gardener shows its true artistry. Your imagination can focus on flower selections for height, colors, shapes and contrasts. Successfully arranging bushy and sparse plants, shaggy blossoms and the delicate varieties in orderly patterns of beauty is one of the greatest thrills the flower gardener enjoys. The possibilities are endless.

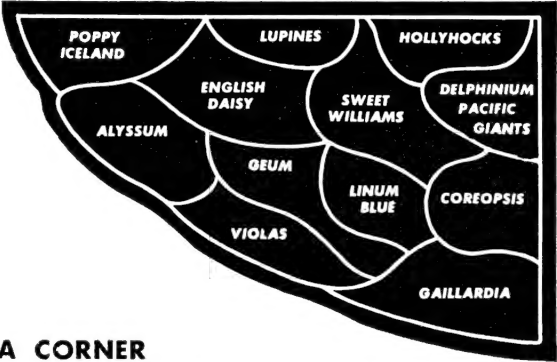
Galvanized wire, staked out flush to the ground, bent and spliced at the intersections is helpful in permanently establishing a plan like the one shown above. Observe how this arrangement places the tall flowers in the back, and the shortest in the foreground. Not only does this provide maximum display of each variety, but cultivation is made easier and with little disturbance to adjoining plants.



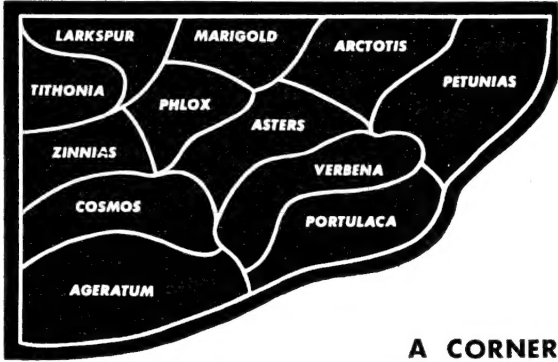
#### A PERENNIAL GARDEN (approximately 25 feet long)

Over each flower listed in the Flower Seed section are shown the height, culture key and whether it is perennial, annual or biennial. By using page 19 as a help you can estimate germination and blooming periods so that a constant succession of blooms or simultaneous blooming can

be planned. The blueprints shown here are "pure" annual and perennial beds. The gardener who transplants perennials and biennials from cold frames or clay pots into annual beds or carefully sows annuals into his perennial beds can improve the over-all plan considerably.



A CORNER OF PERENNIALS



A CORNER OF ANNUALS

### Plant with the Sun in Mind

When planning your garden, it's important to know which flowers will do well in bright sunlight, in partial shade and in deep shade. Of course, the ideal garden spot receives at least six hours of sunlight.

Assuming that you have such a spot, the choice is unlimited for garden beauty and any of the blueprints of gardens shown above will be suitable.

However, if your garden spot receives only little sunshine during the day, you can have a very attractive planting by using *Sweet Alyssum* and *Nempholia* as an edging. They both grow only to a height of 6 to 9 inches and can be planted where they are to grow. Another excellent shade-tolerant edger is the *Pansy*.

For the middle of the shady annual border, the double *Camellia*-flowered *Balsam*, *Cornflowers*, *Calendula*, *Anchusa*, *Godetia* will be very effective.

For a background you might use *Nicotiana*, or *Flowering Tobacco* for a fine color range from white through pink, salmon and rose to a deep maroon. They are delightfully fragrant and make excellent cut flowers. *Cleome* or *Spider-Flower* is another tall variety for the background, as is *Clarkia*.

For deep shade, your choice is limited, but there are a few flowers which will make a good showing in the very shady border. They are: *Anemone*, *Cardinal Flower*, *Columbine*, *Pansy* and *Primrose*. *Dwarf Phlox* and *Ferns* make beautiful paths under tree and *Violets* will grow almost anywhere.

It's important to keep the shady border well watered, for the flowers that do well have little heat tolerance and cannot stand hot, dry weather.

Provide good drainage, and be sure to lighten heavy earth with sand and humus.



# THE GARDEN STORE

107-109 E. Third St.

DAYTON 2, OHIO

# Presenting

We are proud to offer you the finest flower seed in the world, and the varieties listed on the following pages are guaranteed to give you color and beauty in your garden.

Each year, a number of varieties are introduced which deserve a trial in the home garden. Some are novelties, others improved strains of old favorites. The supply of seed the first year of introduction is naturally limited, so they are not carried in our regular listings.

However, to keep you up-to-date on the newest in beauty, here are the descriptions of some of the best of the 1954 introductions.

**Sweet Pea, Little Sweetheart**—A completely new class of this very popular flower. Especially bred for the home gardener to use for borders, bedding or pot plant culture. It forms a perfect mound of flowers 8" high and wide. Flowers are of the Ruffled Spencer type and come in a full color range.

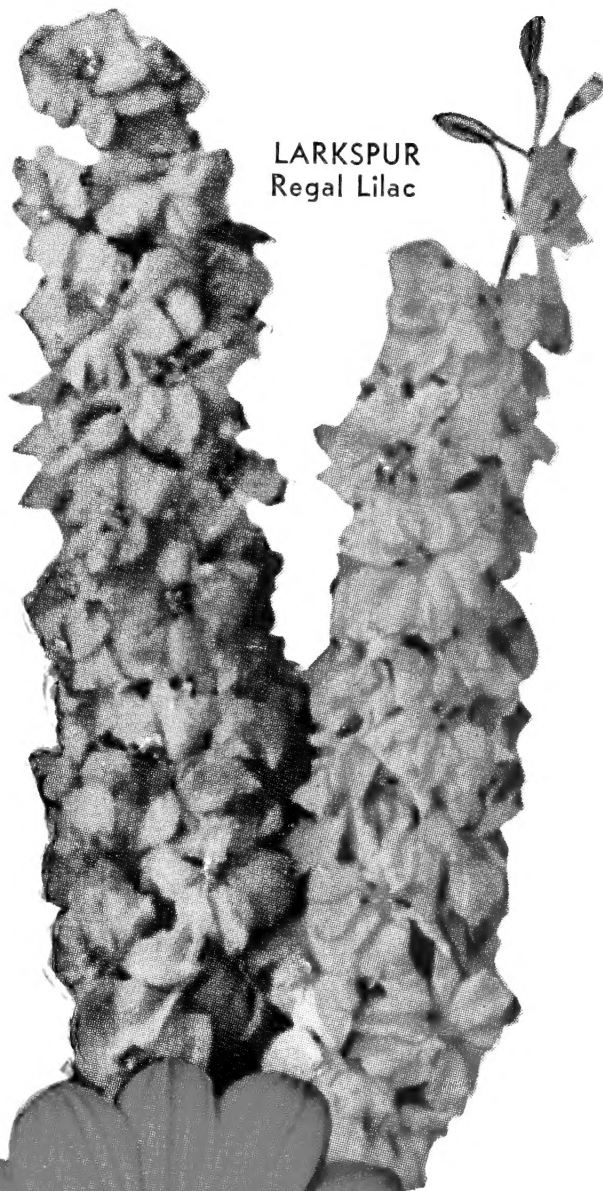
**Hearts and Honey**—A novelty flower "touched with magic." One of the most colorful and unusual flowers ever offered. An annual climbing vine which produces masses of flowers. In the early morning the flowers are a brilliant orange, with a honey-like yellow center. Towards noon, a pinkish red with lighter center. In the late afternoon the flowers are a clear bright shade of rose pink with a white center.

**Petunia Grandiflora Fringed Crusader**—An F' Hybrid in the bi-color of deep rose and white which was seen in the Maltese Cross.

**Bells of Ireland**—An interesting novelty about 2 feet tall with a long graceful stem. Both foliage and flowers are the same attractive light green color. Flowers practically cover the stem and are delicately veined delightfully starred with a small white center.

LIMITED WARRANTY: Our Company warrants to the extent of the purchase price that seeds or bulbs sold are as described on the container within recognized tolerances. Seller gives no other or further Warranty, express or implied.

LARKSPUR  
Regal Lilac



TITHONIA,  
Torch







ZINNIA, Dahlia Flowered

# TOMORROW'S *Flowers* NOW !

## KEY TO SYMBOLS

The symbols below the name of each flower give you the following information. (a)—Annual (b)—Biennial (hp)—Hardy Perennial.

The Culture Number shown for each variety refers to the "How to Grow" information on page 18.

## AGERATUM

(a) Culture I, 4-9"

**BLUE PERFECTION**—A deep amethyst blue. Grows to 9 inches high.

**MIDGET BLUE**—Small 4-inch plants are covered with azure blooms. Pkt. 25c.

## ALYSSUM

(a) Culture II (hp) VI, 4-6"

**CARPET OF SNOW** (a)—Easily grown dwarf annual. Fragrant snow white flowers last from early summer until frost.

**ROYAL CARPET**—In drifts of vibrant purple color or used as a neat edging for the flower bed. This companion for Carpet of Snow grows only a few inches high and 10 inches across. Has no pest or disease troubles. Pkt. 35c.

**SAXATILE** (hp)—Dwarf perennial. Golden flowers in spring.

## ANCHUSA

(a) Culture I, 2'

**BLUE BIRD**—Bushy plants with sprays of blue, white-eyed flowers. 15c.

## ANTIRRHINUM—Snapdragon

(a) Culture, I, 1 1/2-3"

**TALL GIANT, LARGE FLOWERED**—Large 3 foot spikes, huge flowers.

**MAXIMUM**—Tallest kind. All colors. Handsome and erect. Pkt. 25c.

**SUPER-MAJESTIC Giant Flowered**—Semi-tall to 2 feet. Large garden flowers. Pkt. 25c.

**TETRA**—Immense flowers in many fine colors. Many spikes. Mixed. Pkt. 25c.

**MAGIC CARPET**—A delightful new little snapdragon especially well suited to edgings and use in rock garden. Pkt. 25c.

## AQUILEGIA—Columbine

(hp) Culture VI, 2 1/2"

**MRS. SCOTT ELLIOTT'S LONG SPURRED**—Large colorful blooms. 30c.

## ARABIS—Rock Cress

(hp) Culture VI, 1'

Creeping plants with small flowers in early spring. Fine for edging. 25c.

## ARCTOTIS—Blue-Eyed African Daisy

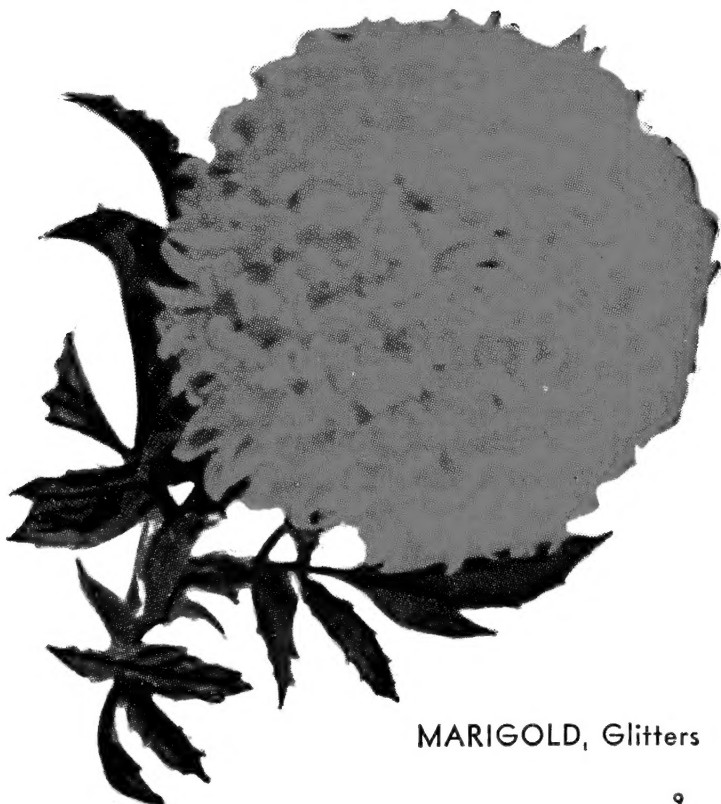
(a) Culture I or II, 3'

**GRANDIS**—Two-inch daisies of pearly white with bluish center. 15c.

## ALL FLOWER SEEDS

**10c** Per Packet

UNLESS OTHERWISE NOTED



MARIGOLD, Glitters



## ARMERIA—Thrift

(hp) Culture VI, 1½'

Dwarf rock plants with grassy foliage and globular flowerheads. Pkt. 25c.

## AUBRIETIA—Purple Rock Cress

(hp) Culture VI, 6"

A creeper with large colorful flowers in spring. Ideal with bulbs. 25c.

## ASTER

(a) Culture 1½-2½'

**WILT RESISTANT SUPER GIANT, MIXED**—An entirely new class of base branching, heavy stemmed fluffy ostrich feather flowers. Packet 25c.

**AMERICAN BRANCHING**—Four inch double flowers of compact form. Brilliant.

**GIANT CREGO Wilt Resistant**—Large 4-inch flowers with fluffy effect. All colors.

**POWDERPUFF**—New. Pink, azure, rose, crimson, white, scarlet and blue. Solidly made of 3-3½" fully-double flowers. Each plant 24" tall, yet takes up less than 12" space—all the flowers are on top. Often 20 long-stemmed cut flowers per plant. Highly wilt-resistant. 25c.

**QUEEN OF THE MARKET**—Early. Short plants. Compact double flowers. Mixed. Marvelous blend of colors.

**SUNSHINE**—4" flowers. Loose row of petals, quilled center. Pkt. 20c.

**BABY BLUE EYES**—SEE NEMOPHILA

**BABY'S BREATH**—SEE GYPSOPHILA

## BACHELOR'S BUTTONS—Centaurea, Cornflower

(a) Culture II or IV, 3'

**BLUE BOY**—A fine, clear blue. Flowers are large. Colors intense.

**JUBILEE GEM**—Dwarf, 1' plant. Large, frosty blue blooms. **Mixed**—All colors.

**BLANKET FLOWER**—SEE GAILLARDIA

## BALLOON VINE—

### Love in a Puff

(a) Culture I, 10' to 15'

A clear, free-growing vine with small white flowers, and balloon-like seeds. 15c.

## BALSAM—Lady Slipper

(a) Culture II, 1½-2'

**MIXED**—Double Camellia-like flowers all summer on bushy plants.

**BELLIS PERENNIS**—SEE DAISY, ENGLISH

**BLUE LACE FLOWER**—SEE DIDISCUS

**BRACHYCOME**—SEE DAISY, SWAN RIVER

**BURNING BUSH**—SEE KOCHIA

**BUTTERFLY FLOWER**—SEE SCHIZANTHUS

## CALENDULA—Pot Marigold

(a) Culture II or IV, 1½'

**SUNSHINE**—Golden flowers with drooping petals. Odorless. 25c.

**SUNSET SHADES**—Large flowers in shades: yellow and orange. 15c.

**PACIFIC BEAUTY, PERSIMMON**—Large, bright, orange, double. 15c.

**CALIF. POPPY**—SEE ESCHSCHOLTZIA

## CALLIOPSIS—Tickseed

(a) Culture II or IV, 1-3'

**DWARF MIXTURE**—One-foot plants with many colors of yellow and red.

## CAMPANULA—Canterbury Bells

(b) Culture VIII, 2'

**SINGLE**—Large bell-shaped flowers in many colors. Graceful plants. Mixed.



## Flowers for the Background

When you plan your flower border, it's necessary to know which flowers to choose for the background. These naturally, should be the tallest varieties, planted in irregular clumps rather than in a row.

The best annuals for the background are:

Antirrhinum (snapdragon)  
Campanula (Canterbury Bells)  
Celosia  
Centaurea  
Godetia  
Helianthus (dwarf sunflower)  
Lavatera  
Lupine  
Shirley Poppy  
Scabiosa  
Schizanthus  
Marigold  
Blue Lace Flower  
Zinnia (giant type)  
Cleome  
Nicotina  
Tithonia and Cosmos

Perennials best for background planting are:

Hollyhock  
Hardy Aster  
Delphinium  
Hibiscus

Oriental Poppy and Rudbeckia.

For a more complete guide to height of these flowers, turn to the flower planting guide on page 19.

## Suggestions for the Rock Garden

The secret of successful rock gardening lies in following Nature carefully, giving the flowers what they had in their natural habitat.

Light and soil are the two most important factors in the lives of alpine.

The best shade for an alpine is provided by the rocks of the garden, planting on the north or east side of a large rock. Alpines need a porous soil which permits heavy rains to drain quickly. Add plenty of coarse sand or crushed rock to your soil and plenty of humus. Plant crevices while rocks are being laid, not after they are in place. Firm soil around roots to prevent air pockets and group plants of the same kind or color together.

Low-growing, tidy, free-blooming perennials make the most satisfactory rock garden plants. Some of the best perennials for an easy-to-care-for rock garden are: Anemone, Aquilegia, Arabis, Campanula, Crocus, Dwarf Evergreens, Daphne, Dianthus, Gypsophila, Nierembergia and Primula.

*Avoid soft and scaly rocks*

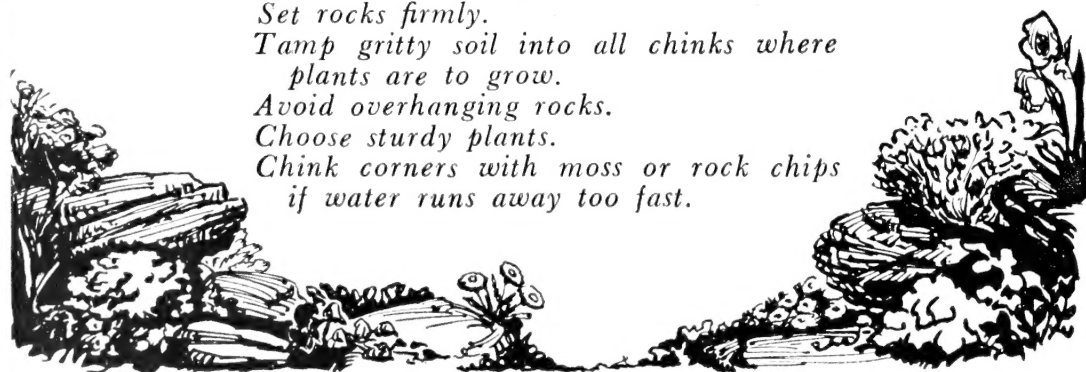
*Set rocks firmly.*

*Tamp gritty soil into all chinks where plants are to grow.*

*Avoid overhanging rocks.*

*Choose sturdy plants.*

*Chink corners with moss or rock chips if water runs away too fast.*



**DOUBLE**—Fine double flowers in blue, pink and white. Mixed.

**CUP AND SAUCER**—Bell-shaped. Saucer of petals at base. Mixed. 15c.

## CANDYTUFT—Iberis

(a) Culture III, 1'

**WHITE HYACINTH**—Large conical spikes of snowy flowers. Fine for edging.

**PERENNIAL GIBALTARICA**—Lilac-pink blooms. Needs protection in the winter. Prefers hottest, driest location. Height, 10 to 12 inches. 15c.

**SEMPERVIRENS**—The perennial white Candytuft. Most desirable perennial for borders and rock gardens. Is evergreen. 25c.

## CARDINAL CLIMBER—Imp. Cypress Vine

(a) Culture III, 10-15'

Slender vine with bright green fernlike leaves. Red flowers.



Of course, the lowest growing flowers are used for the foreground of the border and there are a number of beautiful varieties to be chosen of both annuals and perennials.

Although there are numerous annuals which can be used for edging, the best are:

Ageratum, Dwarf  
Alyssum  
Linum (Scarlet Flax)  
Lobelia, dwarf  
Nierembergia  
Petunia, dwarf  
Phlox drummondii  
Portulaca  
Reseda, dwarf and Verbena.

Perennials which are most generally used for the foreground of the flower border are:

Alyssum (Hardy)  
Arabis (Rockcress)  
Bellis (English daisy)  
Campanula  
Dianthus  
Iberis  
Primrose and Viola

## Flowers for the Foreground



### CARNATION

(a) Culture I or VIII, 18"

**CHABAUD'S GIANTS**—Large double flowers with sweet fragrance. All colors. Flower in six months.

### CASTOR BEAN—Ricinus

(a) Culture III or VII, 10"

**ZANZIBARENSIS**—Tall, strong plant for bold effect. Large lobed bright green leaves. Excellent for backgrounds. 15c.

### CELOSIA—Cockscomb

(a) Culture I or II, 1-3'

**CRISTATA**—Low grower with large crested heads, as rooster combs.

**PAMPAS PLUMES**—Tall, feathery heads in new bronze and sunset shades. Pkt. 25c.

**GOLDEN FLEECE**—Plumes are huge and dense, on long cutting stems, dozens of them to the plant. Stands any amount of hot weather, pest and disease resistant and will cut-and-come again all season. Pkt. 25c.

**CENTAUREA—SEE BACHELOR'S BUTTONS**

### CHRYSANTHEMUM

(ANNUAL)

(a) Culture II or IV, 1 1/2'

**SINGLE PAINTED DAISY, MIXED**—Showy daisy-like flowers. Rings of red, yellow, on white, red or yellow flowers. 15c.

### CLARKIA

(a) Culture II or IV, 2'

**DOUBLE MIXED**—Large double flowers in many gorgeous colors. Graceful plant. Does well in light shade. 15c.

### CLEOME—Spider Plant

(a) Culture II or IV, 3-4'

**PINK QUEEN**—A tall plant with many pink flowers. Neat foliage. 15c.

**COCKSCOMB—SEE CELOSIA**

### COREOPSIS

(hp) Culture VI, 2'

**SUNBURST**—Large, double flowers of rich golden color. Fine for cutting. Sturdy, good grower. 15c.

**COLUMBINE—SEE AQUILEGIA**

**CORN FLOWER—SEE BACHELOR'S BUTTON**

### COSMOS

(a) Culture II or IV, 3-4'

**DAZZLER**—Wavy fluted petals of a velvety crimson-maroon. 15c.

**FIESTA**—Bi-color! Orange colored with scarlet longitudinal stripes. Pkt. 25c.

**ORANGE RUFFLES**—Semi-double flowers. Golden orange. Airy effect. Pkt. 25c.

**RADIANCE**—Beautiful, deep rose flowers have a rich crimson zone in center. 15c.

**SENSATION MIXED**—Huge single flowers, wavy petals, many colors. 15c.

**YELLOW RUFFLES**—New. Semi-double. Bright yellow. Airy effect. Pkt. 25c.

### CYNOGLOSSUM—Chinese Forget-Me-Not

(a) Culture II, 15"

**FIRMAMENT**—Hundreds of tiny indigo blue flowers. Resemble Forget-me-nots. Bloom all summer. 15c.

### DAHLIA

(a) Culture I or II, 14"

**UNWIN'S IDEAL BEDDING**—Semi-double flowers on low bushes. Fine for beds or borders. Many colors. Pkt. 20c.

### DAISY, ENGLISH—Bellis Perennis

(hp) Culture VI, 8"

Low plants with colorful double daisies in early spring. Ideal for beds.

### DAISY, SWAN RIVER—Brachycome

(a) Culture II, 10"

**MIXED**—Many colored small daisy-like flowers freely produced all summer. Good garden stand-by.

### DELPHINIUM—Perennial Larkspur

(hp) Culture VI, 5"

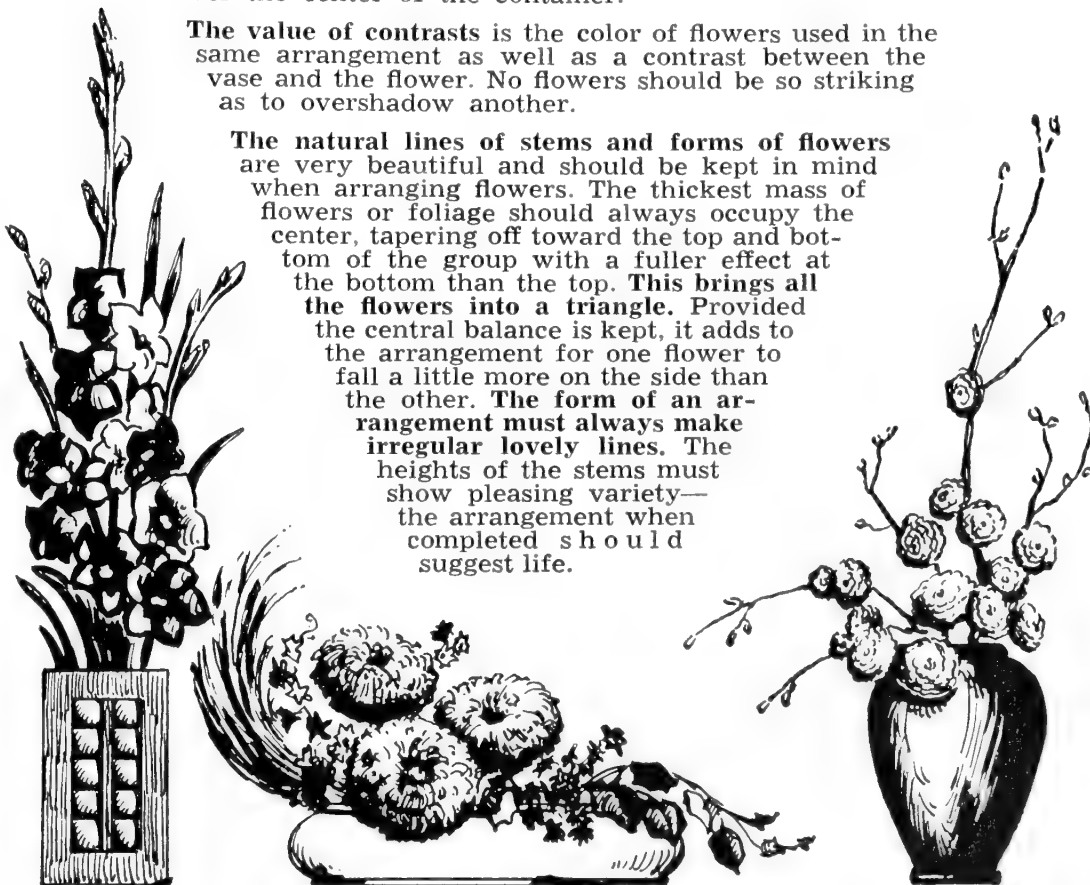
**GIANT PACIFIC HYBRIDS**—World famous strain of immense double flowers on tall stems. Many new colors. Pkt. 35c.

## Arranging Your Flowers

To achieve balance, a knowledge of the form of the flowers or branches used is essential. Every group of flowers must have a central spray of flowers or buds which must be directly over the center of the container.

The value of contrasts is the color of flowers used in the same arrangement as well as a contrast between the vase and the flower. No flowers should be so striking as to overshadow another.

The natural lines of stems and forms of flowers are very beautiful and should be kept in mind when arranging flowers. The thickest mass of flowers or foliage should always occupy the center, tapering off toward the top and bottom of the group with a fuller effect at the bottom than the top. This brings all the flowers into a triangle. Provided the central balance is kept, it adds to the arrangement for one flower to fall a little more on the side than the other. The form of an arrangement must always make irregular lovely lines. The heights of the stems must show pleasing variety—the arrangement when completed should suggest life.





MARIGOLD, Color Magic

### DIANTHUS—Pinks

(a) Culture I or VIII, 1'

**DOUBLE AND SINGLE MIXED**—Fine mixture of colorful, scented, garden pinks. 15c.

**GAIETY**—Fringed petals in a wide range of flower colors and shapes. Single with lacy appearance. 15c.

**DIANTHUS BARBATUS**—SEE SWEET WILLIAM

### DIDISCUS—Blue Lace Flower

(a) Culture I or II, 2½'

**DIGITALIS**—SEE FOXGLOVE

### ESCHSCHOLTZIA—California

#### Poppy

(a) Culture III, 1'

Large single poppy-like flowers in many showy colors. Fern-like leaves.

**EUPHORBIA**—SEE SNOW-ON-THE MOUNTAIN

### EVERLASTING FLOWERS

(a) Culture II, 1½-3'

**MIXED**—Contains such favorites as Strawflower and Globe Amaranth. Fine for dried bouquets.

**FLOWERING FLAX**—SEE LINUM

### FOUR O'CLOCK—Mirabilis

(a) Culture III, 2'

Bushy plants covered with flowers of red, pink, white, violet, and yellow. Flowers close in bright sun.

### FOXGLOVE—Digitalis

(b) Culture VII, 3'

Tall spikes of lovely thimble-shaped flowers of pink, rose, and purple. Beautiful blooms second year. 20c.

### GAILLARDIA—Blanket Flower

(a) Culture II, (hp) VI, 2'

**DOUBLE, MIXED PICTA** (a)—Showy round flowers with tubular petals. 15c.

## How to Start a Seed Bed

For starting seed indoors, use a shallow box. Place pieces of broken clay pots over drainage cracks to prevent clogging, then spread some soil lumps over the bottom before you fill the box with a mixture of equal parts of sand, soil and peat moss. Pile high in the box. Press down firmly on the sides with your hands. Scrape off surplus soil with a board or tamper. Firm loose soil until it is spread evenly about ¾ inch below the top of the seed box.

Then, mark off straight rows about 2 inches apart. Sow seeds uniformly thick, just so they don't touch. Use an old kitchen sieve to screen soil over the top after the seed are sown. Do not cover with more than ¼ inch of soil. Use the tamper to firm the soil over the seeds. Water soil after firming. Place a strip of burlap over the box and pour water over it. Never pour water on the bare soil. Another effective way of watering is to place the box in a pan of water. Cover the box with newspaper or a piece of glass to prevent fast drying. Keep moist.

When seedlings appear, remove the newspaper. If you are using glass, leave it on a little longer, but slide it over a bit to give air.



NIEREMBERGIA (Dwarf Cup Flowers)

**PERENNIAL MONARCH MIXED** (hp)—Superb daisy type flowers in shades of red and yellow.

### GEUM

(hp) Culture VI, 1½'

**MRS. BRADSHAW**—Glowing scarlet flowers. Bright green foliage. Pkt. 20c.

**GILLIFLOWER**—SEE STOCKS

**GLOBE AMARANTH**—SEE EVERLASTING FLOWERS

### GODETIA—Satin Flower

(a) Culture I or II, 2'

**DOUBLE, MIXED**—Azalea-like flowers of many colors on bushy plants.

### GOURDS, ORNAMENTAL

(a) Culture III, 12'

**MIXED**—Large and small kinds that will be useful for dried novelties.

### GYPSOPHILA—Babys' Breath

(a) Culture I, (hp) VI, 1½-3'

**ANNUAL WHITE** (a)—Open, bell-shaped blooms on branching stems give airy touch to garden or bouquet.

**PERENNIAL WHITE** (hp)—Large loose clusters of small flowers give misty effect. Excellent for cutting.

### HELIANTHUS—Sunflower

(a) Culture II, 6'

**SUN GOLD**—Large double flowers of a brilliant golden yellow.



When transplanting, be sure to firm soil well around plant.



## Growing Better Flowers

To make annual plants branch and grow more flowers, most of the plants should have the top of the stem pinched off when they are a few inches high. Remove only the end bud, about  $\frac{1}{4}$ ".

Most perennials must be divided every 3 or 4 years. Cut away all the dead roots and stalks. Save the best portions and start afresh.

A good border needs a well prepared sub-soil. Dig deep and condition the sub-soil just once and you needn't bother about it again for many years. To do this, break up heavy sub-soil with sand, peat moss, humus, or lime. Top this off with fine loam. The double dug bed will be higher then before, but it will soon settle.

To have plenty of cut flowers without disturbing your flower borders, plant a few rows of flowers along the edge of your vegetable garden. Or set them out between the rows of early lettuce or radishes, where they can bloom after the vegetables have been used.

ALYSSUM, Royal Carpet



MARIGOLD, Red Head



ASTER, Ballet



CARNATION, Chabaud's Enfants

## Plan Your Color Scheme

Imagine the brilliance of an annual garden planted only in yellow and orange, bright and cheerful all summer. It's easy to plan various color schemes with the adaptable annuals available now. All that's required is a sunny spot, reasonably fertile soil and a little imagination. There are countless varieties available, and they are constantly being improved each year. That's why it's fun to experiment with annuals and color. Your yellow and orange garden could be planted with the following varieties:

**Calendula** Pacific Golden Giant; **Nasturtium** Golden Gleam; **Zinnia** Persian Carpet; **Celosia** Golden Fleece; **Marigold** Color Magic; **Cosmos** Fiesta; **Cosmos** Orange Ruffles; **Hunnemannia** Sunlite; **Marigold** Sunkist; **Marigold** Naughty Marietta and **Nasturtium** Golden Globe.

A garden of Pinks, Whites and Blues might include: **Sweet Alyssum** Carpet of Snow; **Arctotis** Grandis; **Zinnia** Fantasy Melody; **Phlox** Drummondii Rosy Morn; **Nicotiana**; **Nasturtium** Moon Gleam; **Petunia** Rosy Morn; **Cleome** Helen Campbell; **Cynoglossum** Blue Firmament; **Centaurea** Blue Boy; **Larkspur** Regal Dark Blue and Regal Rose.

CELOSIA,  
Golden Fleece



## HIBISCUS—Rose Mallow

(hp) Culture VI, 4'

**GIANT MIXED**—Huge bell-shaped flowers in white, pink, red. Tall plants for damp spots.

## HOLLYHOCK

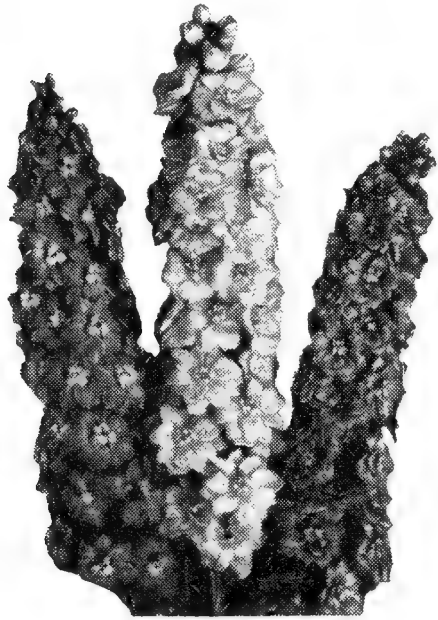
(hp) Culture VI or VIII, 5'

**CHATER'S DOUBLE, MIXED**—Large double flowers on tall spikes. Bloom in midsummer.

## HUNNEMANNIA—Mexican Tulip Poppy

(a) Culture III, 1½'

**SUNLITE**—Soft yellow double poppy type flower. Bluish fine cut leaves. Different and effective. 15c.



DELPHINIUM  
Pacific Giants

**IBERIS**—SEE CANDYTUFT  
**IPOMEA**—SEE MORNING GLORY

## KOCHIA—Burning Bush or Summer Cypress

(a) Culture III, 2½'

Compact pyramid. Needs no trimming. Bright green foliage makes neat, quick hedge. Turns bright red in fall.

**LADY SLIPPER**—SEE BALSAM

## LARKSPUR—Annual Delphinium

(a) Culture II or IV, 3'

**REGAL DARK BLUE**—Tall spikes of large double flowers in a violet blue. 20c.

**REGAL WHITE** — Pure glistening white spikes. Tall and stately. 20c.

**REGAL PINK**—Lively light salmon pink. Glorious when cut. 20c.

**REGAL LILAC**—Clear lilac with green buds. Tall with fat spike of large florets. 20c.

**REGAL ROSE**—Rose color. Long, thick spikes with exceptionally large florets. Vigorous and early. 20c.

**RUBY**—A genuine ruby red. A bright color in garden or bouquet.

**GIANT REGAL MIXED**—A fine mixture of the above and others.

## LAVATERA—Annual Mallow

(a) Culture II, 2-3'

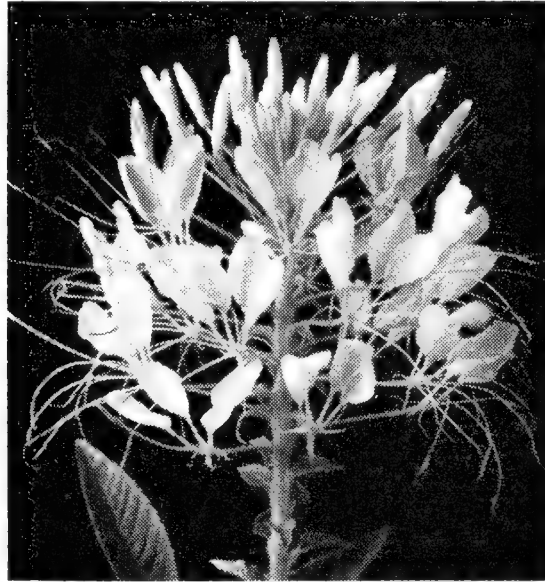
**LOVELINESS**—Large bowl shaped, rosy pink flowers all summer. Attractive bronzy foliage. 15c.

## LINARIA—

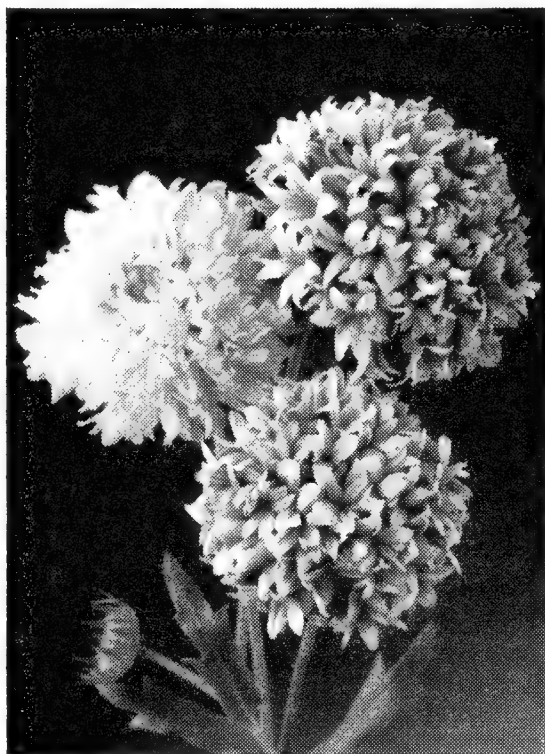
### Baby Snapdragon

(hp) Culture I, II, IV or VI

**NORTHERN LIGHTS**—About 15" high. Brilliant colors. Excellent quick-growing, cutting flower. 25c.



CLEOME, Pink Queen



GAILLARDIA, Double Picta

## LINUM—Flowering Flax

(a) Culture III, (hp), VI, 1-2'

**SCARLET (a)**—Bright red flowers in a constant succession all summer.

**PERENNIAL BLUE (hp)**—Low bushy plant blooming from spring to midsummer. Small, clear blue flowers in profusion.

## LOBELIA

(a) Culture I or V, 4"

**CRYSTAL PALACE**—Compact border plant with myriads of tiny bright blue flowers. For all low use. 15c.

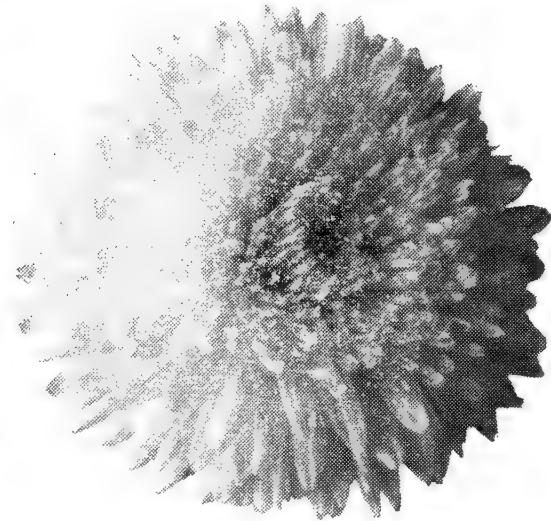
**LOVE-IN-A-PUFF**—SEE BALLOON VINE

## LUPINE

(hp) Culture III or VII, 3'

**RUSSELL'S MIXED**—Finest of all the lupines! Brilliant colors in long, strong spikes symmetrical closely packed. 20c.

**MALLOW, ANNUAL**—SEE LAVATERA  
**MALLOW, ROSE**—SEE HIBISCUS



ASTER  
Princess Elizabeth

## MARIGOLDS

(a) Culture I or II,

African

Tall Types 1½-2'

**GLITTERS**—Clear yellow. Double. Bushy with long stem. Pkt. 25c.

**MAMMOTH MUMS** — Chrysanthemum-flowered, blooms in 2½ months from seed. Deep sulphur yellow. 30 inches high.

**REAL GOLD**—Large carnation-like flowers in striking bright orange. 25c.

**SUNSET GIANTS** — Huge dahlia-flowered strain. Lemon and gold.

**YELLOW SUPREME**—Light yellow, large flowers of carnation form.

French

Double Dwarf Types, ½-1'

**COLOR MAGIC**—New—12 inch mounds covered with variegated colored flowers. An unusual cross in French Marigolds. Flowers are large and combinations are deep gold and henna red. Pkt. 25c.

**MELODY**—Foot high plants with loads of orange ball-like flowers.

**RUBY RED**—Compact, with bright red, 2" blooms. Reddest of all. Strikingly different. 20c.

**SPRY**—Compact plants with showy yellow flowers bordered with mahogany. Distinctive and showy.

**SUNKIST**—Compact plants with masses of golden orange blossoms. Pkt. 25c.



## MARIGOLDS—Continued

### Single Dwarf Types, 1-1½"

**FLASH**—Plants have many 1¾" flowers in tangerine and red shades. Pkt. 25c.

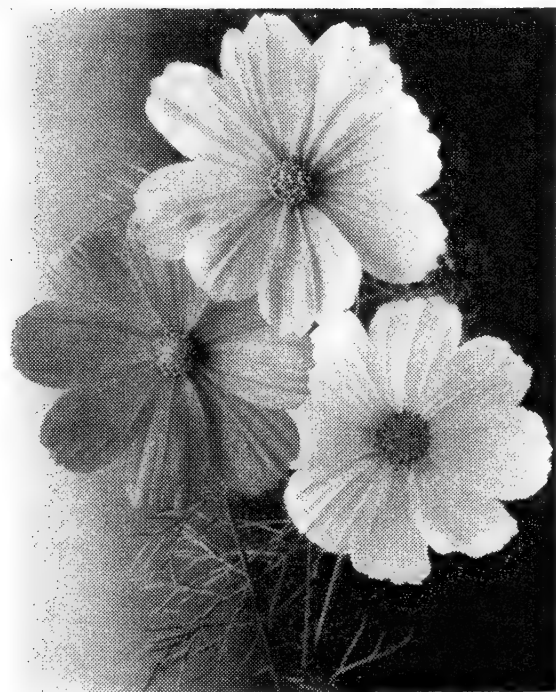
**NAUGHTY MARIETTA**—Open 2½" flowers are rich gold with maroon at base of petals. Fine for edging. Pkt. 25c.

### MIGNONETTE—Reseda

(a) Culture III, 1'

Low grower with tiny, white blooms that are very sweet scented. 15c.

**MIRABILIS**—SEE FOUR O'CLOCKS



COSMOS, Sensation

### MORNING GLORY—Ipomea

(a) Culture III, V or VII, 12'

**IPOMEA DARLING**—Sky blue with five deep blue mid-ribs forming a star. Pkt. 15c.

**HEAVENLY BLUE**—Sky-blue flowers. Flowers close in bright sun. Exquisite on fences. 15c.

**PEARLY GATES**—A shining white form of Heavenly Blue. 15c.

**SCARLET O'HARA CLIMBING**—Large velvety scarlet flowers. Very showy. 20c.

**MIXED**—Many lovely shades. 15c.

**MOSS ROSE**—SEE PORTULACA

**MOURNING BRIDE**—SEE SCABIOSA

### NASTURTIUM

(a) Culture III or V

#### Dwarf or Bush Kinds 1'

**GOLDEN GLOBE**—Semi-double flowers of bright gold. 15c.

**SCARLET GLOBE**—Fiery scarlet double. Old-fashioned beauties.

**MAHOGANY GLOBE**—Deep velvet mahogany red double flowers. 15c.

#### Tall or Vine Kinds 3-10'

**GOLDEN GLEAM**—Large golden flowers. Double and fragrant.

**SCARLET GLEAM**—Fiery orange scarlet flowers. Double and fragrant.

**SALMON GLEAM**—Delicate golden salmon double flowers.

**GLORIOUS GLEAM**—A mixture of all the colors of the Gleam series.

### NEMOPHILA—Baby Blue Eyes

(a) Culture II, 6"

Many cup-shaped sky-blue flowers on low spreading plant. 15c.

### NICOTIANA—Flowering Tobacco

(a) Culture I or II, 2-3'

**SENSATION**—Long-tube starry flowers. Fragrant at night. White or light pink mixed.

**PAINTED TONGUE**—SEE SALPIGLOSSIS

### PANSY

(a) Culture I, II or VIII, 8"

**SWISS GIANTS**—Large flowering strain with fine range of gorgeous colors. Best of the improved pansies. Pkt. 35c.

**TUFTED PANSY**—SEE VIOLA

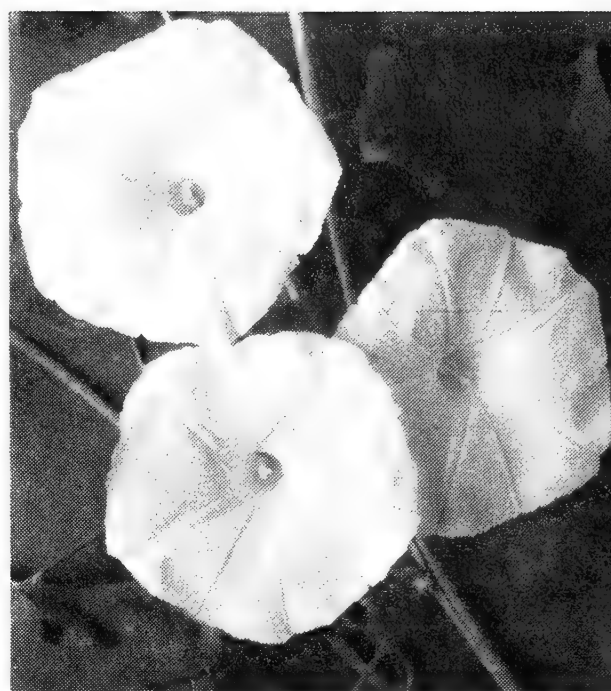
**PERIWINKLE**—SEE VINCA

### PETUNIA

(a) Culture I or IV

#### Small Flowered, 10-14"

**BALLERINA**—Bright. Deep rose fringed grandiflora type. Delicately fringed. Pkt. 50c.



IPOMEA  
White Magic

**BALCONY**—Trailing kinds for use in window boxes and bedding. White, red, rose, or blue.

**ENGLISH VIOLET**—A fine purple-violet color. Spreading plant. Pkt. 20c.

**FIRE CHIEF**—Brilliant Red. Compact, and dwarf flowers profusely. Pkt. 25c.

**FLAMING VELVET**—A velvety blood red. Best of its color. Pkt. 20c.

**LIPSTICK**—A vigorous new petunia with an unusual glowing color. Plants are compact, early and free-flowering. Pkt. 25c.

## A Home For the Insect Catcher



Birds are good neighbors and they need understanding on your part to turn in the best job for you. Give them food, water, safety, and nesting materials and they'll make your garden their home.

When erecting a bird house, take into consideration the size of the bird, nesting habits, the distance from the ground and the locale they like.



The **ROBIN** likes a sheltered shelf open on three sides with an inside space 6" x 8" wide and 8" high. Place the bird house at least 10 to 15 feet above ground.

The **PURPLE MARTIN** seems to be the only one which does well in an apartment. Make each nest space 6" x 6" x 6" with the entrance 1 inch above the floor and about 2½" in diameter. Place the house 15 to 20 feet above ground and equally as far from any buildings and trees.

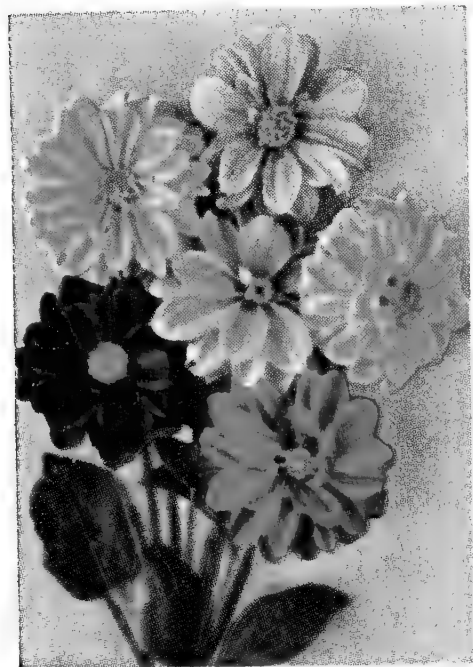


The **HOUSE WREN** will build in almost anything, but prefers his house 6 to 10 feet above ground with the inside 4" x 4" x 8" high. The entrance 1 to 6 inches above the floor hole with the entrance no larger than 7/8" in diameter.

A **BLUEBIRD** will build in a swinging house and his worst enemy, the sparrow will not, so this is an important point to remember. Make his house 5" x 5" x 8" inside, with an entrance 6" above the floor 1½" in diameter, and at least 5 to 10 feet above ground.



VERBENA, Grandiflora Mixed



DAHLIA, Unwin's  
Ideal Bedding Mixed

CALENDULA, Chrysanthia



## Plant Vines For Effect

Annual vines with their showy, fragrant blossoms, interesting foliage and fruits provide the most beauty in the smallest amount of space.

They provide a background for other plants, hide undesirable views, give privacy and shade and add extra color, fragrance and variety as well as attracting birds, moths and butterflies.

Since annual vines must grow rapidly to provide a great mass of foliage, the soil must be fertile, loamy and well prepared to a depth of at least 12 inches.

Some of the most effective and showy of the annual vines are:

**BALLOON VINE**—attaining a height of 8 to 10 feet, it is covered with small white flowers over a long period.

**HYACINTH BEAN or JACK BEAN**—a rapid growing vine with purple and white flowers. The fruit is quite decorative. Needs a sunny location.

**CARDINAL CLIMBER**—another fast growing vine with fern like foliage. It needs a sunny exposure and produces many small red, trumpet shaped flowers.

**ROSE OF HEAVEN**—Best of the rose colored strains made famous by Rosy Morn. Color is slightly deeper and more uniform.

**SILVER MEDAL**—A lovely salmon. Good size flowers on compact plants. Pkt. 50c.

### Large Flowered, 12-20"

**BURGUNDY**—Huge single flowers of a rich wine red, white throat. Pkt. 20c.

**COMANCHE**—The reddest of red petunias, richer, brighter, more uniform scarlet red. Single flowers 2½ to 2¾ inches in diameter. Grows about 13 inches high. Pkt. 50c.

**GIANTS OF CALIFORNIA**—Huge flowers of many fine pastel tints. Pkt. 25c.

**LITTLE GIANTS MIXED**—Compact plants with medium flowers in many new colors and shapes. Pkt. 25c.

**SNOW STORM**—Large plain glistening white flowers with creamy shading in throat. Very beautiful. Pkt. 25c.

**THEODOSIA**—Large ruffled flowers of deep rose pink with golden throat. Very showy and lovely. Pkt. 25c.

## PHLOX

(a) Culture II, 8-12"

Lovely clusters of showy flowers on low plants from early spring on. Easily grown. Many splendid colors.

**Art shades**—Rosy Morn, Salmon Glory. 20c. Mixed.

**PINKS**—SEE DIANTHUS

**PINCUSHION FLOWER**—SEE SCABIOSA

## POPPY

(a) Culture IV (hp) VI, 1½-3'

**ICELAND MIXED**—Excellent perennial for borders, rock gardens. Large colorful, ferny foliage. Pkt. 20c.

**ORIENTAL SCARLET**—Huge red blooms in early summer from perennial root. Useful for bold color. Pkt. 20c.

**SHIRLEY, MIXED**—The easily grown, lovely annual poppy. Many bright colors. Grows easily and self-sows.

## PORTULACA—Moss Rose

(a) Culture, III or IV, 6"

**SINGLE, MIXED**—Many brilliant colors.

**DOUBLE, MIXED**—All double. Pkt. 20c.

**POT MARIGOLD**—SEE CALENDULA

## SALVIA—Flowering Sage

(a) Culture I, 2-3'

**AMERICA OR GLOBE OF FIRE**—The well-known Scarlet Sage that is a blaze of vivid scarlet in summer. Pkt. 25c.

## SALPIGLOSSIS—Painted Tongue

(a) Culture III, 30"

**MIXED**—Large petunia-like flowers of rich velvety colors, veined with gold.

## SCABIOSA—Mourning Bride, Pincushion Flower

(a) Culture III or IV, 2'

**CORAL MOON**—New coral shade. Large double flowers on firm cutting stems. Pkt. 15c.

**BLUE MOON**—Large double flowers of deep lavender blue. 15c.

**IMPERIAL GIANTS, MIXED**—Large globe-shaped flowers in a wide range of red, white, coral rose and blue. 25c.

**SATIN FLOWER**—SEE GODETIA

**SCARLET FLAX**—SEE LINUM

**SCARLET SAGE**—SEE SALVIA

## SCHIZANTHUS—Butterfly-Flower

(a) Culture II or IV, 1½'

**MIXED**—Small flowers shaped like multi-colored butterflies. Delicate cut leaves. Free flowering. 20c.

## SEA LAVENDER—Statice

(a) Culture I, 2'

**MIXED**—Small tubular flowers in colorful branching spikes. 25c.

**SPIDER PLANT**—SEE CLEOME

**STRAW FLOWER**—SEE EVERLASTING FLOWERS

## SHASTA DAISY

(hp) Culture VI, 2'

**ALASKA**—Largest of the Shasta strains. Big, white flowers with yellow centers. 15c.

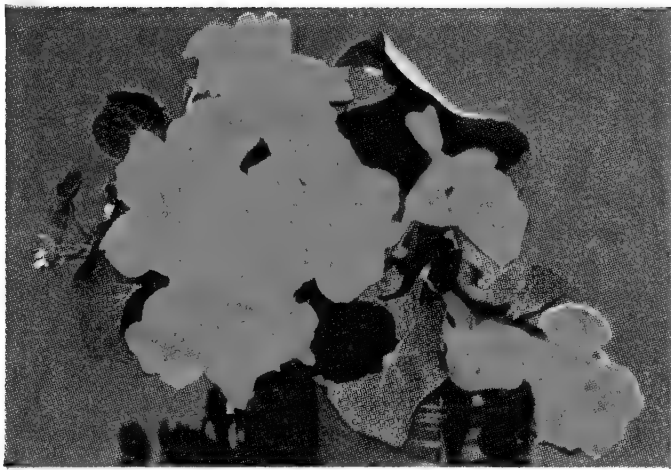
**SNAP DRAGON**—SEE ANTIRRHINUM

## SNOW-ON-THE-MOUNTAIN—Euphorbia

(a) Culture III, 2'

Bright green foliage edged with white. Good for edging or contrast.





**NASTURTIIUM, Golden Gleam**

## **STOCKS—Gilliflower**

(a) Culture I or IV, 1-2'

**GIANT IMPERIAL**—Excellent double flowers on tall stems. Many bright colors. Pkt. 25c.

**DWARF TEN WEEKS**—Low growing with strong spikes. Many fine colors. 20c.

## **WILD FLOWER MIXTURE**

(a) Culture II or III, 1/2-3'

Old fashioned flowers in a fine mixture for all season flowering. Sow thinly and enjoy continuous flowers and delightful surprises. These are not wild flowers of the fields but a selection of garden flowers that gives a "wild" garden look when planted in a border. A good way to get acquainted with some of the unusual kinds of garden flowers.

## **ZINNIA**

(a) Culture I or II

**Small Types, 12-18"**

**RED RIDING HOOD**—Deep scarlet flowers 1" across. Free flowering. Fine border plant of Lilliput type.

**PERSIAN CARPET**—Bi-colored. Rich deep tones of red and gold along with sunset shades. Medium-sized blooms on good cutting stems. Pkt. 25c.

**LILLIPUT PASTELS**—Lovely soft colors in the miniature strain. Fine for borders or small bouquets.

**PUMILA SUNSHINE TINTS**—Dwarf plants with medium flowers in a wide range of delicate, soft colors.

**SCABIOUS FLOWERED**—Medium size flowers on a semi-tall plant. Resembles Scabiosa in shape. Bright colors mixed.

**TOM THUMB MIXED**—Lilliput type flowers on a very dwarf plant. For low borders and miniature displays.

**Large Types, 2-2 1/2'**

**BLAZE—All America 1954**—Giant hybrid, fiery red and orange. True to color and flowers are bigger than those of the dahlia flowered zinnias, 25c.

**DAHLIA FLOWERED MIXED**—Huge flowers in a bewildering range of bright and pastel colors.

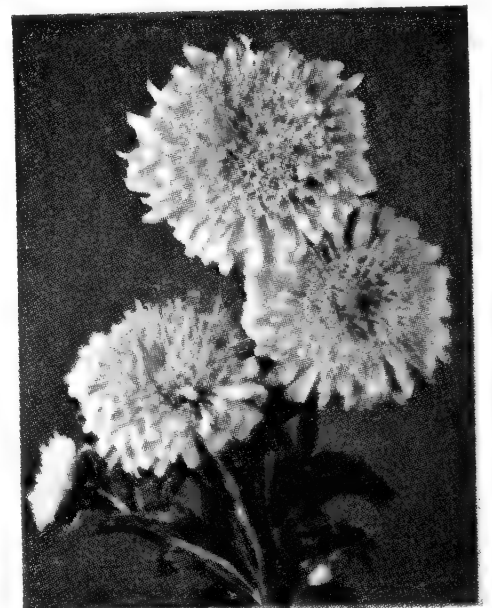
**FLORADALE SCARLET**—A new and distinct Zinnia. Very uniform and true to type and color, Deep scarlet, slightly smaller than dahlia-flowered, with fluffy, but not twisted petals. Pkt. 25c.

**GIANTS OF CALIFORNIA, MIXED**—Mammoth flowers in many striking colors. Largest zinnias of all.

**PEPPERMINT STICK**—Bi-colored! Basic red flowers with white or yellow stripes.



**PETUNIA, Comanche**



**ASTER  
Princess Bonnie**

**PANSY  
Swiss Giants**



**ZINNIA, Persian Carpet**



# Flower Culture

The numbers I to VIII found with every flower listing refer to the following cultural notes which give directions for growing all of the flowers we list.

One of the important problems in the garden is that of maintaining a continuous show of bloom. This calls for the use of several different types of annuals, such as those that must be planted early to grow in cool weather. (Culture IV) and those which bloom later in summer heat (Culture I and II). If some of the cool-weather annuals from Group IV are sown in mid-summer and kept well watered, they will grow slowly until the cooler days of fall start them into more active growth. These will produce late flowers. Quick-growing annuals from Group II may also be sown at intervals for a succession of bloom during the summer.

## Culture I

These flowers need a long season and must be started indoors if a full blooming period is to be had. If early bloom is not important, they will bloom later in the summer when sown directly in the garden. Some gardeners sow both ways to obtain a succession of flowers.

## Culture II

These are the quicker-growing annuals that can be sown directly in the garden and will bloom in time to make a good display for most of the summer. If wanted especially early, they should be started as directed indoors in seed beds or flats.

Some flower seedlings are rather delicate. Extra care in preparing the seed bed will pay dividends in better plants. Prepare soil with a liberal amount of mixed fertilizer and organic matter and dig it in. Rake the surface until it is smooth and pulverized. Sow the seed at a depth equal to three times the diameter of the seed. Fine seed can be spread on the surface and pressed in without covering.

Keep soil moist by light spraying until the seedlings have formed the first true leaves. When they are large enough to handle, they may be transplanted to other parts of the garden.

## Culture III

These flowers do not transplant well. They should be planted where they are to bloom. Sow as soon as the weather begins to warm in the spring. **Otherwise the culture is the same as II.** Sow seed thinly or remove the smaller plants after they are up. These can be handled as pot-grown plants as in Culture VII.

## Culture IV

These flowers are unusually hardy annuals that can withstand very cool weather. They are often sown late in fall so they can start growing the first warm days of spring. If not sown in the fall, they should be planted as early in the spring as possible. Fall sowing gets the seeding job out of the way before the spring rush.

## Culture V

These flowers, while garden subjects, are also useful for winter-flowering house plants. **For garden use, handle as in Culture II.** For winter flowering indoors, plant fairly late in the season and transplant into small pots as soon as they are large enough. Keep moving them to larger pots as roots fill the soil until they are finally in six-inch pots. Annuals in pots should have at least six hours of direct sunlight daily if they are to flower.

## Culture VI

Perennials can be seeded at almost any time of the year. Best periods are early in the spring or in early summer when the rush of spring work is over. A cold frame or sheltered bed which can be shaded from the direct sun is best. Prepare soil thoroughly with plenty of organic matter. A loose, friable soil will produce a thick mat of roots so that the seedlings will transplant more easily. Perennial seedlings are rather weak growers needing extra care. In covering the drills in which the seeds are sown, use either pure, clean sand or a



mixture of half sand and half peat moss. This prevents packing of the soil over the seeds. Always water with a fine spray. As soon as the second leaves form, seedlings may be transplanted into their permanent position. Or, if more convenient, they may be left in the seed bed until the following spring. Under this culture, only a few species will bloom the first year and they will not produce normal flowers until the following year. Planting earlier does increase the chances for flowers the first year. But, if it is more convenient, **Culture I may be used.** Delphinium seed is often started in August to take advantage of the cooler nights for the seed will not grow when the soil temperature is above 77 degrees.

## Culture VII

These varieties need a longer growing season than can be given them outdoors. And because they do not transplant well, they must be started in pots and set out without disturbing the roots. **Otherwise Culture is the same as I.** The use of plant bands allows you to set the seedlings out without disturbing the roots. The bands soon rot away and the seedlings will grow as though started in the garden.

If clay pots are used, the excessive drying can be avoided by placing the pots in a flat and filling the space between them with damp peat moss or vermiculite. Be sure to keep this material moist or it will draw moisture from the pots.

## Culture VIII

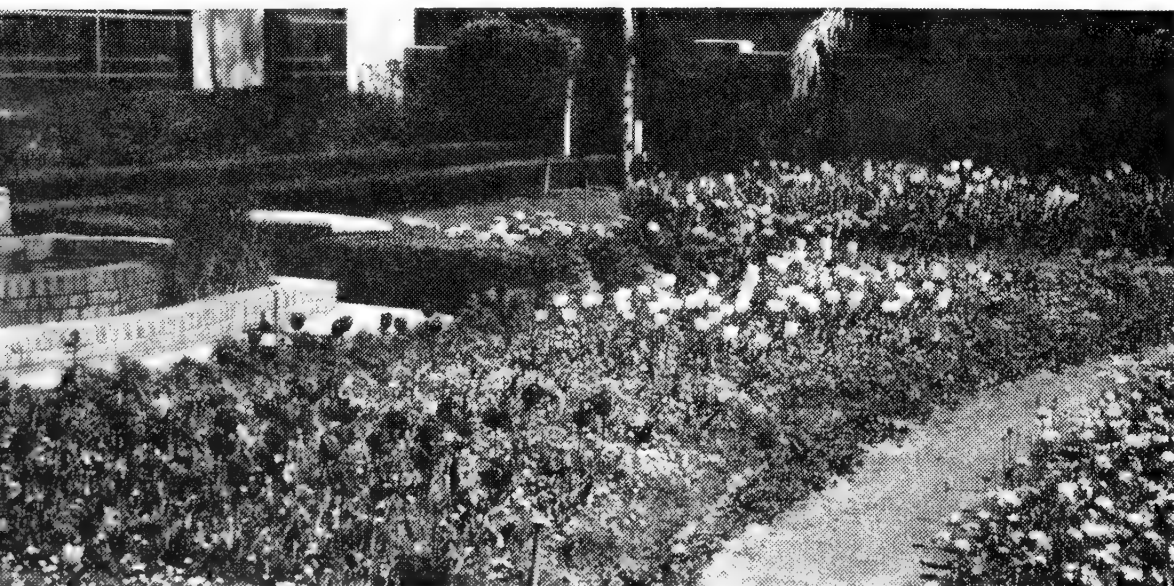
These flowers are biennials. They make a leafy growth the first year but do not flower. The leafy growth of the first year forms food for blooming the following year. The flowers appear the second year and then the plant dies.

This means that a continuing show from biennials must be provided by starting new plants every year to replace those that are flowering.

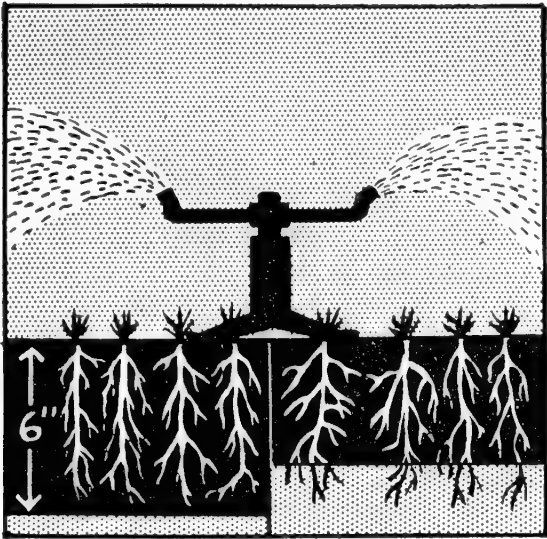
Biennials are handled in the same way as perennials except that they are started early in the spring to allow the plant to store as much food as possible for the next year's bloom.

Many gardeners start biennials in the vegetable garden or special starting bed and then transplant the ones needed to the flower garden the following spring. During winter, biennials should be given the same treatment as perennials.

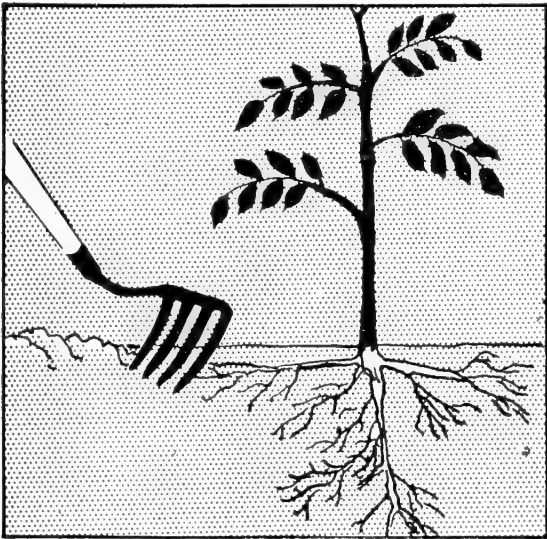
Pansies are tender perennials that are treated as annuals or biennials. When grown as annuals, they should be started indoors about six weeks before time for planting out in early spring. When grown as biennials, the seed is started in late summer and the plants carried over winter in protected spots where extreme of temperature and moisture are avoided. Mulching or the use of frames may be necessary in your particular garden. Pansies do best under conditions of constant, moderate moisture, partial shade and a humus-rich soil. Pinching off old flowers will prolong the flowering season.



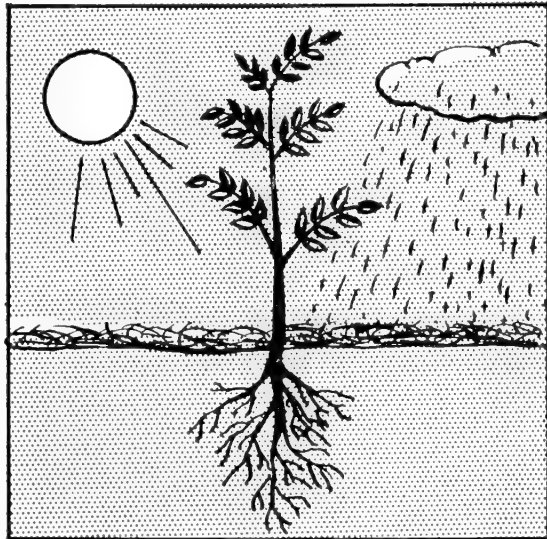




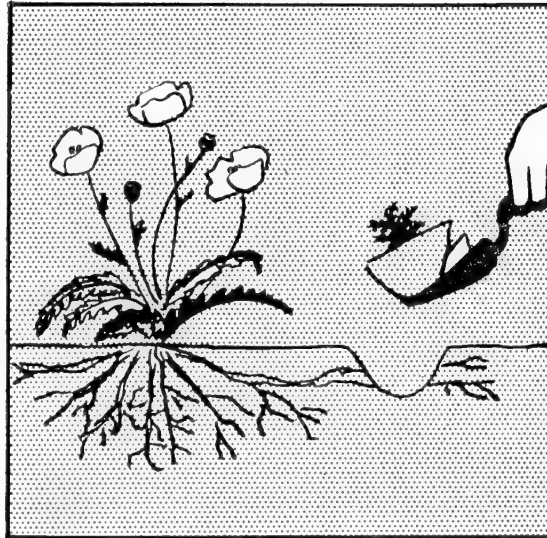
Early morning watering is best. Late watering is risky as the plants dry slowly and are more susceptible to disease.



Restrict your hoeing to the top inch.



Mulching is better than hoeing. Use grass clippings or leaves.



Take out seedlings from phlox, petunias, Oriental poppies and hollyhocks.

# HOME GARDENING GUIDE

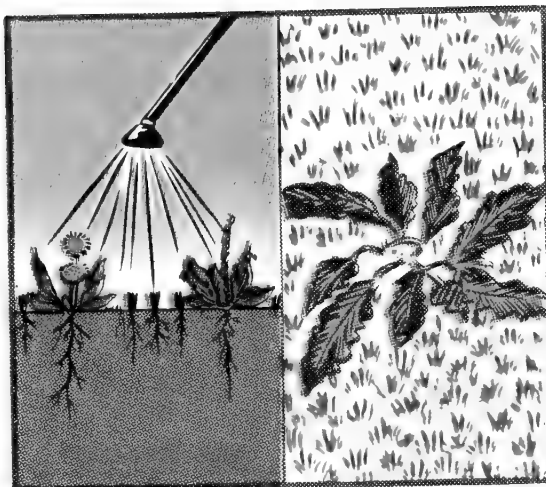
## FOR FLOWER GARDEN PLANNING

**KEY**—For classification of flowers by purpose, location, etc., see the second column below. The meaning of the key letters in this column follows:

- A—For dry, hot locations
- B—For a succession of blooms.
- C—For shady locations.
- D—For poor soil.
- E—For edging.
- F—For the rock garden.
- G—For their foliage.
- H—Everlasting for winter bouquets.
- I—For their fragrance.
- J—For porch or window boxes.
- K—Climbing vines.
- L—For backgrounds.

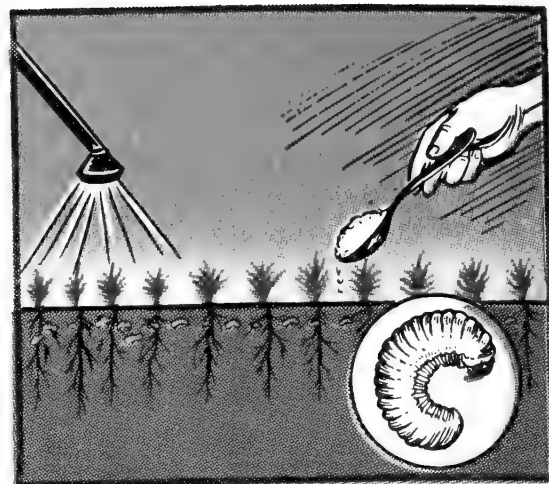
	Height (Inches)	Suitable for	Average Days to Germinate	Approx. Time of Bloom	Shape of Plant
Ageratum	4-12	E F J	5-10	10 Wks.	bushy
Alyssum, Sweet	2-12	B C D E F I J	5-10	6 Wks.	spreading
Antirrhinum	12-60	C I L	20-25	3-4 Mos.	bushy
Aquilegia	18-36	C E F	15	3 Mos.	branchy
Balsam	14-20	A E	10-12	6 Mos.	erect
Calendula	12-36	D	10-14	12-14 Wks.	bushy
Campanula	18-24	F	8-15	10-12 Wks.	bushy
Candytuft	6-18	B F I	5-10	8-10 Wks.	bushy
Centaurea	18-36	A B C D E I J	5-20	3-4 Mos.	erect
Chrysanthemum	24-36	A E	5-20	8-10 Wks.	bushy
Celosia	12-36	D E H	20-25	10 Wks.	bushy
Cosmos	36-60	A	5-15	10-12 Wks.	bushy
Coreopsis	18-36	A B D	10-20	4-5 Mos.	bushy
Dahlia, Dwarf	14	F	10	3-4 Mos.	bushy
Delphinium	36-72	L	15-21	3-4 Mos.	tall
Digitalis	30-48	F	10-20	3-4 Mos.	erect
Dianthus	4-15	F I	5-10	12 Wks.	bushy
Eschscholtzia	10-12	C D F	5-12	12-15 Wks.	bushy
Four O'Clock	24-30	A D	5-10	3-4 Mos.	bushy
Gaillardia	18-30	D	15-20	2-3 Mos.	bushy
Godetia	12-24	C D	15-20	2 Mos.	erect
Gypsophila	18-36	B H	15-20	8-10 Wks.	branching
Helichrysum	24-36	H	5-10	3 Mos.	bushy
Hollyhock	48-84	L	5-20	10 Wks.	slender
Kochia	30-36	A B	15-18	Foliage	bushy
Larkspur, Annual	30-72	L	15-20	10-12 Wks.	tall
Lathyrus	60-72	I K	25-40	2-3 Mos.	vine
Lobelia	4-8	E J	10	10-12 Wks.	bushy
Marigold	8-36	B J	5-8	6-8 Wks.	bushy
Mignonette	10-12	B I		3-4 Mos.	erect
Moon Flower	12 ft. or more	I K	5-8	4-5 Mos.	vine
Morning Glory	12 ft. or more	A K	5-8	3-4 Mos.	vine
Nasturtium	12-36	D E F K	8-15	2-3 Mos.	bush.vine
Nigella	10-18	B F	10-15	10-12 Wks.	bushy
Nicotiana	30-48	I	20-25	10-12 Wks.	branchy
Pansy	4-8	C E F	10-15	10-12 Wks.	clump
Petunia	10-24	D E F J	18-20	10-12 Wks.	bushy
Phlox	10-18	A B C F I J	20-25	8-10 Wks.	bushy
Poppy	18-36	B	20	12-15 Wks.	erect
Portulaca	4-6	A D E F J	18-20	6 Wks.	spready
Salvia	12-42	A	15-25	3-4 Mos.	bushy
Scabiosa	18-30	I	18-20	2-3 Mos.	bushy
Stocks	12-24	I	5-15	12-14 Wks.	bushy
Schizanthus	18-36	C E	20-25	6-8 Wks.	bushy
Sweet Pea	36 or more	K	15-20	10-12 wks.	vine
Sweet William	12-24	F	10	12 Wks.	bushy
Verbena	6-12	E F J	8-10	12 Wks.	spready
Wallflower	12-18	I	5-12	2-3 Mos.	bushy
Zinnia	12-36	A F	5-10	6-8 Wks.	bushy

# The Best LAWN in Town



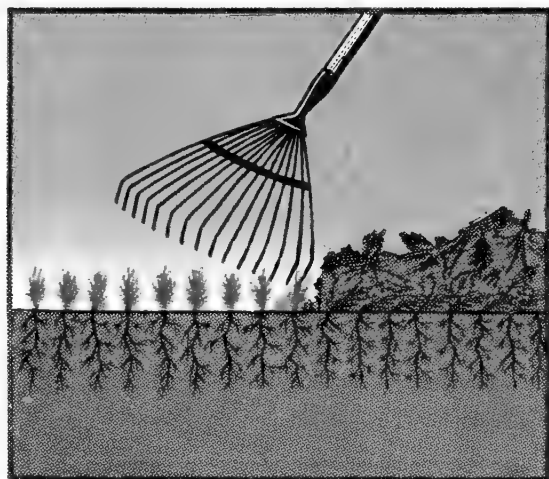
## OUR WEED KILLERS DO IT

Get the weeds before they seed. The earlier the start the easier they can be controlled later on. Our selective 2-4D preparations, crabgrass killers and other special types, sprayed on weeds, now makes a formerly difficult chore a comparatively easy one. They stick to weed leaves and are ultimately absorbed into the root system—the leaves turn brown within a few days and in about three weeks they are dead.



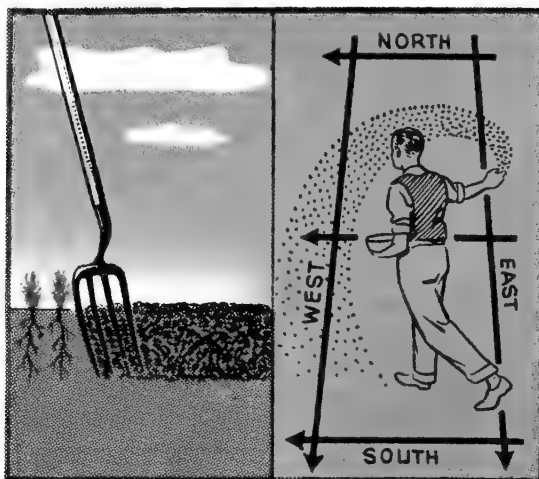
## GRUBS CAN DO HEAVY DAMAGE

Beetle grubs feed on grass roots and are extremely destructive, once the infestation is established. Beetles lay their eggs in the ground near the grass roots during the summer months. The hatch (grubs) feed and sever the grass roots during the fall. A lawn turning brown in patches should be examined closely at a three inch depth for grubs. Use our rotenone sprays or poison feed applications to bring them under control.



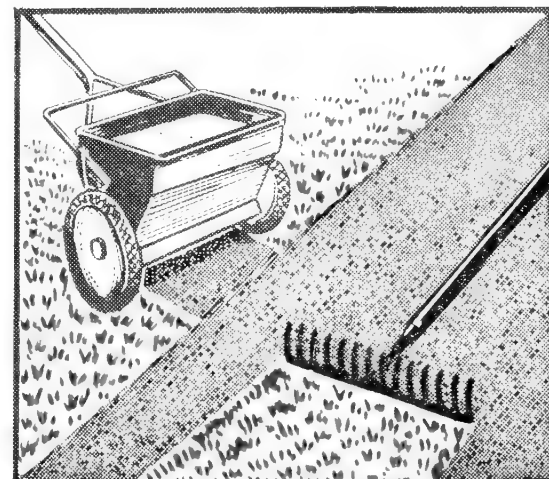
## WHISK, DON'T RAKE

Accumulations of debris and leaves on the lawn chokes off growth of new grass and permits nests for harmful insects. A thorough whisking (not a heavy raking that uproots new grass) in early spring and late fall when the weeds have stopped seeding gives old and newly germinated grass a head start in the battle against weeds. Experts recommend that **short** clippings be left on the ground. Long clippings should be gathered.



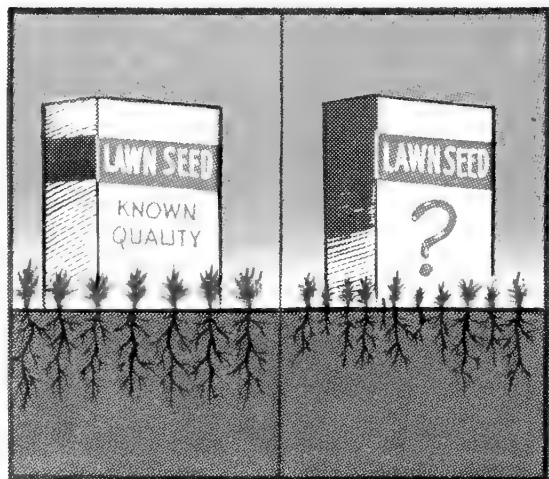
## STARTING OVER, SOMETIMES PAYS

(Left) To insure growth from those bare and persistently thin areas: Reseed them as though starting a new lawn. Dig up and pulverize the soil in the bare areas and mix with a balanced fertilizer. Reseed, then roll it sufficiently to press the seed into the soil. (Right) When sowing lawn seed in large areas, choose a windless day. Sow in two directions; one at right angles to the other.



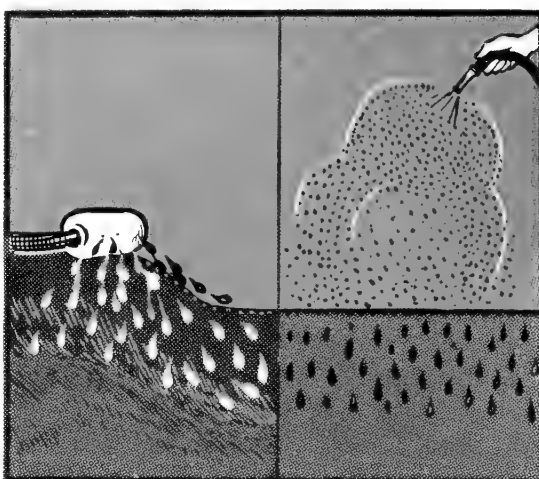
## GOOD GRASS MUST BE FED

Established grass roots are notoriously heavy feeders. An early spring and late fall application of a balanced plant food plus a mid-summer stimulator will keep those grass roots busy delivering a healthy, lush, carpet of green. Apply uniformly at about 3 lbs per 100 square feet when the grass is dry. Brush the plant food off the blades with the back of a rake; then water thoroughly.



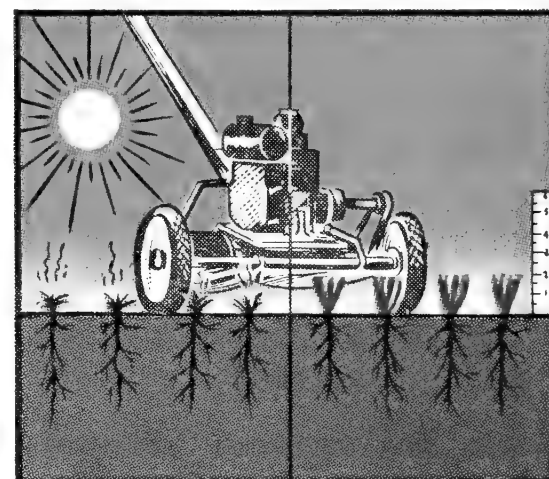
## HOW MUCH, OR HOW MUCH WHAT?

In most cases, properly **blended** grass mixtures are best for year round growth. Lawn mixtures contain varied proportions of **expensive** and **inexpensive** seed. The cost of your lawn seed should be determined by the **known percentage** of these proportions not by the pound of mere "lawn seed." When you buy our lawn seed mixtures the blend is right and the price is right. Whether you are planning a new lawn or rebuilding, come in and talk it over.



## TWO WATERING IDEAS


(Left) Watering slopes should be done by **soaking** from the top, this permits the crest to get an adequate water supply before it runs off to the bottom of the hill. (Right) Sprinkling newly seeded areas should be done with a misty spray not a stream, either by hand or with an efficient sprinkler, otherwise the seed will be displaced and gather in pools, thus ruining the even distribution of your sowing.



## HOW LOW TO MOW

Mowing too close or "scalping," allows the hot summer sun to quickly "burn out" your lawn, destroying newly germinated grass which is left unprotected by shade and so weaken the plant structure that it cannot survive competition against weeds and insects. Mower cutting height should be about one and a half inches. Cut when growth reaches two and a half inches. Vary the route of your cutting.





# Lawn Seed

## FOR EVERY NEED

### Sunny Glen Mixture

We confidently believe this formula to be the best available for the average Dayton lawn. Many years of satisfactory performance on many of Dayton's finest lawns should be proof enough of its high quality. SUNNY GLEN is highly recleaned—99.70% weed-free. When ordering, please specify if wanted with or without White Dutch Clover. Lb. \$1.85; 10 lbs. \$18.00; 25 lbs. \$43.00; 100 lbs. \$165.00.

### Sun-Shade Diamond

A superfine combination of scientifically picked grasses: extra heavy Kentucky Bluegrass, Creeping Red Fescue, Fancy Red Top Grass, and Colonial Bent Grass. These are all deep rooting permanent grasses and free from any of the coarse grasses.

Sun Shade Diamond was developed for shaded areas, but it will also thrive in full sun. It is 99.75% WEED-FREE! Lb. \$1.85; 10 lbs. \$18.00; 25 lbs. \$43.00; 100 lbs. \$165.00.

### Shady Glen Mixture

A special formula suited to those densely shaded woodsy areas. Contains Creeping Red Fescue, Poa Trivialis, and Red Top Grass blended with Ky. Blue. 99.75% weed-free. Lb. \$1.65; 10 lbs. \$16.00; 25 lbs. \$38.75; 100 lbs. \$150.00.

### Terrace Turf

Do you have an unsightly, bare backed terrace or hillside on which you have been unable to maintain a turf?

Terrace Turf is designed for just such places as this. Contains quick growing and deep rooted grasses which resist drought and thrive in spite of thin, poor soil conditions.

Terrace Turf may be used in either full sun, or shade. Lb. \$1.50; 10 lbs. \$14.50; 25 lbs. \$35.00; 100 lbs. \$135.00.

### Dayton Special

A proven general purpose mixture which makes a quick ground cover. It's high blue grass content makes for a good serviceable permanent lawn. An excellent playground mixture. Lb. \$1.50; 10 lbs. \$14.50; 25 lbs. \$35.00; 100 lbs. \$135.00.

### X-L Special Mixture

We have made up this formula to meet the need for a mixture carrying a high percentage of hardy perennial grasses and yet sell at a moderate price. This formula contains 50% or more of the hardy perennial grasses such as Ky. Blue grass, fine leaved fescue and white Dutch Clover. Lb. \$1.15; 10 lbs. \$11.00; 25 lbs. \$26.00; 100 lbs. \$99.00.

This year of all years, **DO NOT WASTE SEED!** Good seed is in short supply and it is high in price due to a very short crop last season. Provide or select favorable soil and weather conditions and do not overseed. Use from 3 to 4 lbs. per 1000 sq. ft. when seeding bare ground and less when reseeding over an old lawn. Avoid late Spring seeding if possible. March is much better than April; April is much better than May.

## SPECIAL PURPOSE GRASSES

**Kentucky Blue Grass**—Considered by many as our most valuable native grass. It forms a close, thick turf of rich dark green color. Being rather slow in germinating, it is usually used in combination with other grasses. This is especially true in making a new lawn. Fancy Grade: Lb. \$1.95; 10 lbs. \$19.00; 25 lbs. \$46.25; 100 lbs. \$178.00.

**Canada Blue Grass**—Similar to the Kentucky Blue, but somewhat coarser. Especially adapted for use in hot dry locations, on hillsides and on thin soils. Lb. \$1.95; 10 lbs. \$19.00; 25 lbs. \$46.25; 100 lbs. \$178.00.

**Creeping Red Fescue**—An extremely hardy type of fine leaved fescue which spreads by underground root stems. Makes an extremely tight weed-resistant turf. Excellent for shade. Lb. \$1.20; 10 lbs. \$11.50; 25 lbs. \$27.50.

**Chewings Fescue**—A vigorous fine-bladed grass especially valuable for terraces and shady places. Very resistant to heat, drouth, and hard wear. Lb. \$1.20; 10 lbs. \$11.50; 25 lbs. \$27.50.

**Poa Trivialis**—This is a true shade grass similar in growth and appearance to the well known Kentucky Blue Grass.

Not recommended on thin poor soils. Lb. \$1.50; 10 lbs. \$14.50; 25 lbs. \$35.00.

**Colonial Bent (Highland)**—Fine in texture and holds its color well in summer heat. Admirably suited for putting greens and for home lawns. Lb. \$1.75; 10 lbs. \$16.50; 25 lbs. \$40.00; 100 lbs. \$155.00.

**Red Top Grass**—Quick growing. Thrives on a wide range of soil conditions. In the lawn, it is used mostly as a nurse grass in combination with other lawn grasses. Lb. \$1.40; 10 lbs. \$13.50; 25 lbs. \$32.50; 100 lbs. \$125.00.

**Rye Grass, Perennial**—Considered a better, more lasting nurse grass than the Domestic variety which it resembles. Lb. 40c; 10 lbs. \$3.50; 25 lbs. \$8.50; 100 lbs. \$31.00.

**Rye Grass, Domestic**—A fast growing, short lived grass used in mixtures as a nurse for the slower germinating perennial grasses. Rather coarse in texture. Lb. 30c; 10 lbs. \$2.70; 25 lbs. \$6.50; 100 lbs. \$23.00.

**White Dutch Clover**—Easily grown on most any soil which is not too acid. Its low compact growth makes it valuable for crowding out weeds. It is best sown in the Spring. Lb. \$1.30; 10 lbs. \$12.50.

a new type of grass . . .

## MERION BLUE GRASS FORMULA

Merion Blue Grass is a single plant selection from Kentucky Blue Grass which gives new hope to lawn enthusiasts because of its ability to continue growth and retain its healthy green color through the hot dry months of summer, and its thick growth, discouraging weeds and Crab Grass. It has been tested and proved throughout the country for the past several years and is highly recommended by the U. S. testing station at Beltsville, Md., and also the U. S. Golf Association. Now, we offer you this fine formula (containing 40% Merion Blue, 40% Illahee Creeping Fescue, 10% Colonial (Highland) Bent Grass and 10% superfine Red Top Grass), which is suited to either full sun or shaded areas. Its advantages: (1) fewer mowings, (2) better color, (3) fewer weeds, and (4) disease resistance. Cost of seeding compares favorably with the common lawn grasses. Because of its spreading habit and smaller seed size, one pound covers 600 to 750 sq. ft. Lb. \$3.00; 10 lbs. \$29.00; 25 lbs. \$71.25.

**Note: We have available a limited amount of straight Merion Blue Grass at \$4.95 per pound; 5 pound lots or more @ \$4.85 pound.**

**THE GARDEN STORE**  
**DAYTON, OHIO**

# Weeds In Your Lawn

**CRABGRASS**—Annual. Spread by seeds. Mow often at 1½ inches. Hand pick young seedlings. Feed lawn heavily in the fall.

**BROAD LEAVED PLANTAIN**—Perennial. Use hormone-type weed killer in late summer or drop acid or gasoline in centers of rosettes.

**YELLOW FOXTAIL**—Annual. Must be cultivated frequently. Use chemical weed killer.

**DANDELION**—Annual spread by seeds and from the crown. Cut below crowns any time of the year. Drop gasoline in crowns. Spray with hormone-type weed killer.

**LAWN PENNYWORTH**—Perennial. Seeds are distributed by lawnmower and rake. Must be dug out and ground reseeded or sodded.

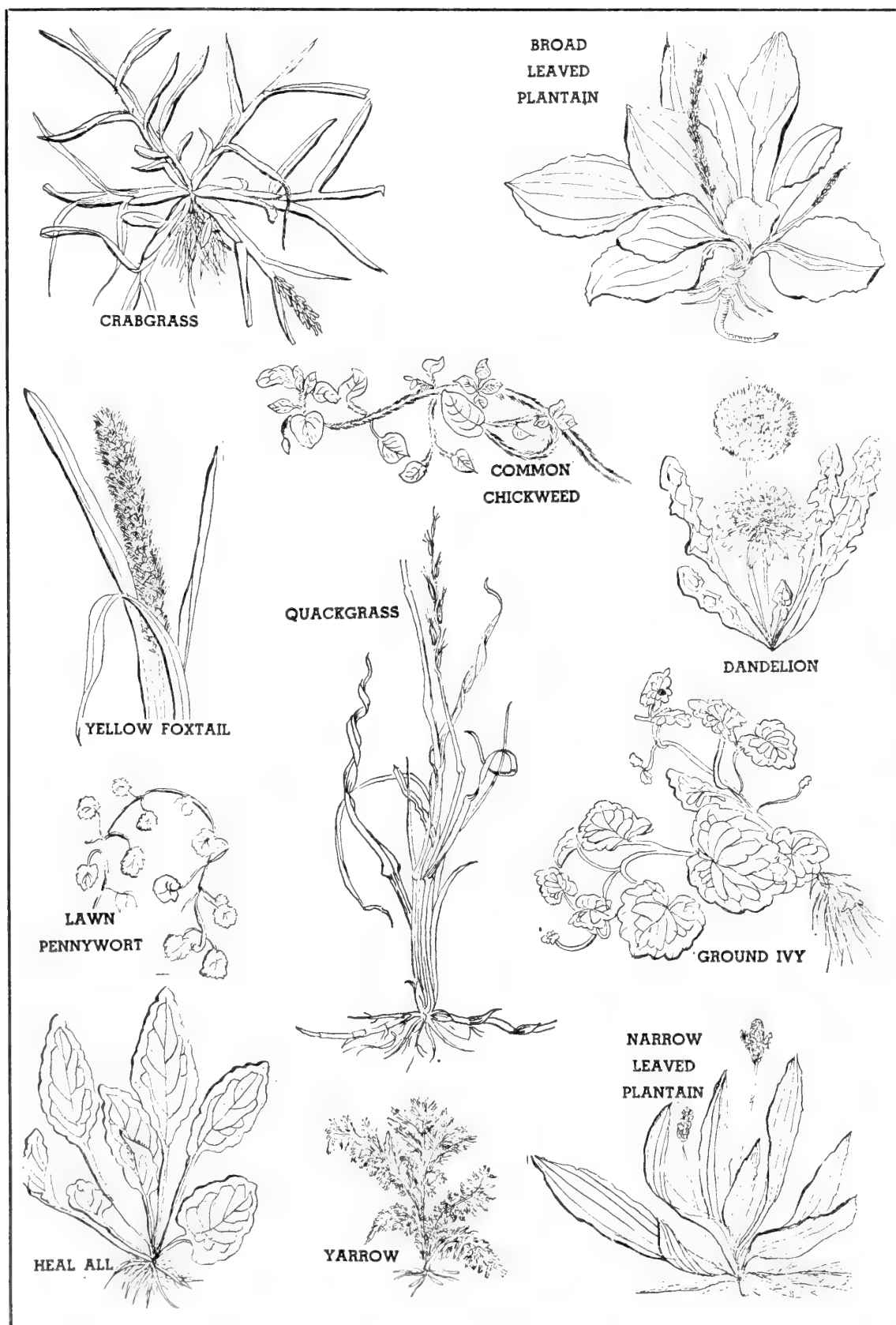
**QUACK GRASS**—Perennial. Spreads by creeping, jointed rootstalks. Smother with mulch or remove all visible shoots three times a week as long as they show.

**GROUND IVY**—Perennial. Dig out or spray with a sodium chlorate solution.

**HEAL-ALL**—Perennial, especially bad in shady lawns. Roots at nodes and spreads by seeds. Cut out by hand or spray with hormone-type weed killer after bluegrass is dormant.

**YARROW**—Perennial. Cut back repeatedly or dig out. Spray lawn with sulphate of iron.

**NARROW LEAVED PLANTAIN**—Perennial. Prolific seeder. Cut off tops, pierce a hole in the crown of the root and apply a few drops of carbolic acid or sodium chlorate.



## 2,4-D WEED KILLERS

**CAUTION:** We recommend that a sprayer used with 2,4-D or 2, 4,5-T not be used for spraying valuable plants due to the difficulty in removing all traces of the chemical to make it safe. 2,4-D is non-poisonous but, even slight traces of it can seriously injure sensitive plants.

### WEED-IT

The safest amine type, especially recommended for use on lawn grasses and for general use on more limited areas because of its ease of mixing and greater safety factor. ½ pt. treats up to 3000 sq. ft. (1 gal. per acre) ½ pt. 65c; qt. \$1.65; gal. \$4.50; 5 gal. \$19.00.

## 2,4-D AMINE CONCENTRATE

Preferred for large scale application for the commercial user and for farm acreage. A most economical type, containing 4 lbs. 2,4-D acid per gallon. Usual rate of application is from 2 to 4 pts. per acre in a suitable amount of water. The recommended type for farm crop and pasture use. Livestock may pasture safely over freshly sprayed areas. Pt. \$1.95; qt. \$3.25; gal. \$6.95; 5 gal. can \$28.50.

## 2,4-D—2,4-5-T COMBINATION

Contains 2 lbs. 2,4,5-T Pentyl Ester and 2 lbs. 2,4-D Pentyl Ester per gallon. Formulated especially for more effective kill of brambles and brushy growth as well as weeds in waste places. Use 1 to 3 Qts. per acre. Pt. \$2.00; qt. \$3.50; gal. \$10.50; 5 gal. \$47.50.

## 2,4,5-T PENTYL ESTER

Contains 4 lbs. Pentyl Ester per gallon. Formulated especially for scrub and brushy growth. Pt. \$2.50; qt. \$4.00; gal. \$13.50; 5 gal. \$62.50.

## WEED-A-BOMB

**NEW!** The powerful 2,4-D lawn weed killer in an aerosol bomb. Kills dandelion, buckhorn, plantain and other weeds. Ready for instant use; no mixing—just direct at weeds and press the valve. Prevents sprayer contamination. Non-poisonous to humans or animals.

EACH \$1.79



**Kill CRAB GRASS WITH CRAB-NOT**



No more digging, raking, hair-tearing. Just mix **CRAB-NOT** with water and "spray it on." **CRAB-NOT** is the latest development in the chemical control of Crab Grass (and "chickweed" too). **CRAB-NOT** is relatively non-poisonous, kills crabgrass with little or no damage to needed turf grasses and is equally successful on crabgrass "seedlings" or "mature" plants. Dissolve in water and spray it on. 1-lb. covers 2500 to 5000 sq. ft. 4 oz. can \$1.00; lb. \$2.95; 2 lbs. \$5.00; 6 lbs. \$10.95.

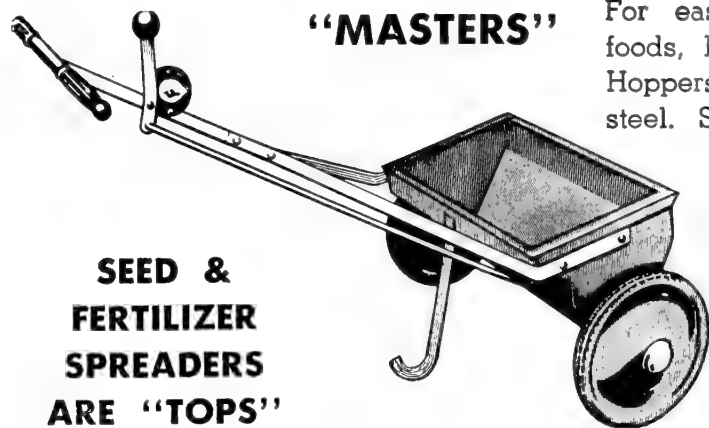
**CRAB-NOT with 2,4-D**—This is a combination treatment as effective on other lawn weeds as it is on Crab Grass. 4 ozs. \$1.25; lb. \$3.50; 2 lbs. \$6.00; 6 lbs. \$12.50.

**CRAB-NOT**  
a Selective Crab Grass Killer



# LAWN ACCESSORIES

## There's Nothing Like A Good SPREADER



**SEED &  
FERTILIZER  
SPREADERS  
ARE "TOPS"**



### MASTER'S HANDICART STURDY CONSTRUCTION

No more backache from shoveling or stooping to load up. Just tip it down and rake grass cuttings, leaves, trash, earth, gravel or "what have you" right into the cart—then tip it back and you're loaded. Sturdily supported sheet steel body, disc wheels with rubber tires. Perfect balance makes handling easy. Will give years of satisfactory service. Attractively finished in durable baked enamel finish.

No. 18-Capacity 3 cu. ft., 10 in. wheels with 1 in. rubber tires. Each .....\$ 8.75

No. 20-D Deluxe..... Capacity 3½ cu. ft., 11 in. wheels with 1½ in. Semi-pneumatic rubber tires.

Each .....\$13.50

Milcor "GARDENEER" Each .....\$8.95

### PARKER SWEEPERS

**Takes the "AKE" out of "RAKE"**

Does six hours work in one. Ruggedly constructed with wheels and sides of cast aluminum alloy, semi-pneumatic tires, bassine fiber brushes and a heavy canvas hopper with metal bottom. The "Springfield" operates with a soft swirling motion that gently lifts all foreign matter from your lawn.

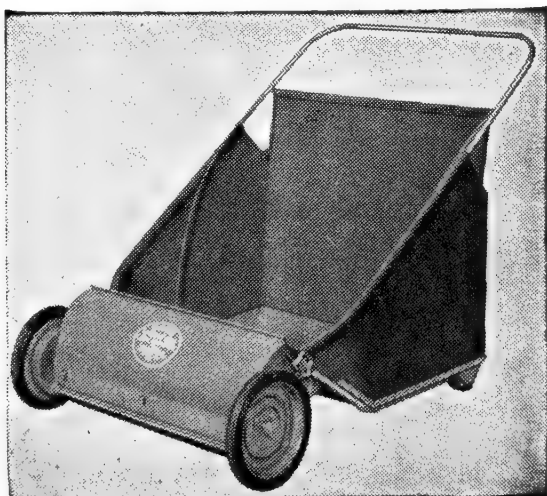
PARKERETTE 20" .....\$33.50

PARKERETTE 28" ..... 41.00

PARKER "Springfield"

DELUXE 28" ..... 53.80

HOMEMASTER 28" power model. 157.00



### "MASTERS"

For easy, even distribution of plant foods, lime, fertilizers and grass seed. Hoppers are made of heavy sheet steel. Simple adjustment controls rate of flow. Shut-off is on handle within easy reach. All models equipped with rubber tires.

Substantial construction for years of service. Attractively finished in green with yellow trim.

MODEL	WIDTH	CAPACITY	EACH
25-D	18"	30 lbs.	\$9.25
30	18"	40 lbs.	11.75
40	24"	55 lbs.	17.75
M241D	24"	75 lbs.	36.75
M361D	36"	115 lbs.	48.50

361SD—Identical to the M361D model above except hopper bottom is stainless steel. Each \$54.50.

241 SD Stainless steel bottom .....\$42.50

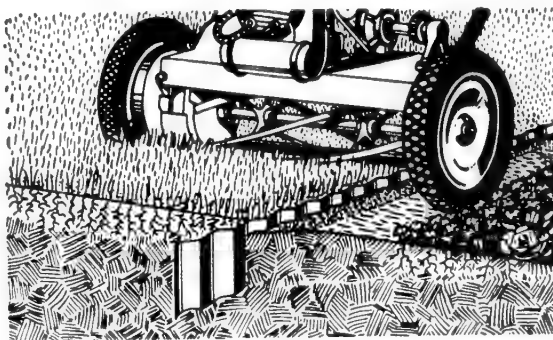
### LAWN ROLLERS

Water-weight welded steel rollers, all equipped with roller bearing axles and brass drain plugs. Strong X-braced handle and bevel-edged drum, with adjustable scraper.

Diam.	Length	Weight Filled	
14"	24"	175 lbs.	\$17.25
18"	24"	275 lbs.	19.95
24"	24"	440 lbs.	25.50

## NU-WRINKL TRADE MARK

Lawn Edging. A corrugated galvanized steel barrier, 4 inches deep. Used to keep grass from spreading. Installed in soil as shown below.



Used around flower beds, trees, shrubs; along fences, driveways and hedges. Provides barrier to prevent spreading of grass beyond desired point. Installed flush with soil. Eliminates trimming of grass around flower beds and borders.

Packed in attractive 4-color cartons of 20 sections, 4" x 26"; makes 40 ft. of edging. Sections connect together with quickly attached fastening keys included in each carton. Per carton .....\$4.98.

### F & N "ACE" Lawn Trimmer

Eliminates most of the tedious hand trimming after mowing. It's 5-blade 6" reel trims evenly and quickly close to all obstructions.

Each .....\$19.50

## ECLIPSE POWER MOWERS

(Prices quoted include new federal excise tax where applicable.)



The LARK 18"	\$126.50
The ROCKET 20" (rope starter) ....	149.60
The ROCKET 20" (lever starter) ....	154.00
The ROCKET 20" (Hi-cut) .....	160.05
PARKHOUND 21" .....	174.50
ROLLOWAY 25" .....	315.00
ROTARY 20" (manual) ..	117.00
ROTARY 20" (Powered) .....	170.50
TORNADO Sickle Mower, 36".....	235.00
RIDING Sulky .....	57.50

### Sharpening Units

LARK or ROCKET .....	\$3.75
PARKHOUND or ROLLOWAY.....	5.00

### ECLIPSE HAND MOWERS

Model L, 16" cut .....	\$34.50
Model L, 18" cut .....	36.00
Model L, 16" Hi-Cut .....	36.00
Zephyr, 16" cut .....	30.00
Zephyr, 18" cut .....	31.50
Vogue, 16" cut .....	27.00
Vogue, 18" cut .....	28.50
Arlington, 16" cut .....	22.50

### JACOBSEN MOWERS

Pacer 18" .....	\$ 99.75
Pacer 21" .....	127.50
Lawn Queen 21" .....	157.00
Manor 21" Rear drive .....	202.00
Estate 24" 2-roller drive .....	335.50
Estate 24" 4-roller drive .....	355.50
Lawn King 26" .....	323.00
Park "30," 30" Heavy duty .....	475.00
Riding Sulky, For reel mowers .....	57.50
Rotary Cut 18" (manual) .....	99.75
Rotary Cut 20" (Manual) .....	131.00
Rotary Cut 20" (Powered) .....	231.50
Rotary Electric 18" .....	64.50
Leaf Mulcher, (18" rotary manual) ..	7.25
Leaf Mulcher, (20" rotary manual) ..	8.25
Leaf Mulcher, (20" rotary powered) ..	14.25
Snow Blower, 16" rotary .....	128.00
Hand Mower, 16" all steel .....	34.50
Hand Mower, 18" all steel .....	36.50

**LAWN-BOY Rotary Mower** by RPM Exclusive design of wheel placement guides cutting blade over humps without scalping. Trims close—within 3/8 inch. Cuts tall weeds or grass with ease. No chains, belts or gears. Weighs only 35 lbs. Bar type rotary blade; no windrowing of grass with front "grass-spray" discharge. **Only \$89.95**

**PULVERATOR** — Leaf-mulching attachment for Lawn Boy mower .....\$3.95



**WARNING: Clear & Hot.**  
**Get your Swan**  
**Garden Hose NOW!**

Made by the world's largest manufacturer of Garden Hose and guaranteed for a definite period of years as noted.

	Color	Diam.	Length	Guar.	Price
No. 127	Green	5/8"	25'	15 yrs.	\$5.90
	Green	5/8"	50'	15 yrs.	10.85
No. 708	Red	5/8"	25'	10 yrs.	4.90
	Red	5/8"	50'	10 yrs.	9.20
No. 703	Black	5/8"	25'	5 yrs.	3.95
	Black	5/8"	50'	5 yrs.	6.95

#### GOODRICH GARDEN HOSE

Famous "Garden Club" brand 5/8" diameter green rubber, 10 year service guarantee. Per 50 ft. length.....\$9.50

#### "KOROSEAL" PLASTIC HOSE

The world's finest, with a 10-yr. service guarantee. One third lighter in weight; grease-, crack- and scuff-proof. Equipped with life-time couplings and washers. Colors permanent—bright red or green. 25ft. \$5.75; 50 ft. \$9.80; 75 ft. \$13.85.

#### ANDREWS Hose Sprinkler

The double tube, plastic sprinkler sensation! Amazingly light in weight (50 ft. weighs 1 1/2 lb.). Sprinkles evenly from 1 to 15 ft. wide at any pressure. Control width of spray by adjusting faucet. Adjustable length—to shorten, move end clamp to desired point. Store it anywhere—won't rot, mildew or stick together—even when wet. Every one guaranteed. 5 lengths; 20 ft. \$2.50; 30 ft. \$3.50; 40 ft. \$4.00; 50 ft. \$4.75; 100 ft. \$8.75.

#### "SIPCO" Ground Soakers

Water seeps through every pore the entire length of this special seamless, mildew-resistant canvas hose. No spray and no waste. Puts the water where you want it. 12 ft. length \$1.80; 18 ft. \$2.40; 30 ft. \$3.70; 50 ft. \$6.00.

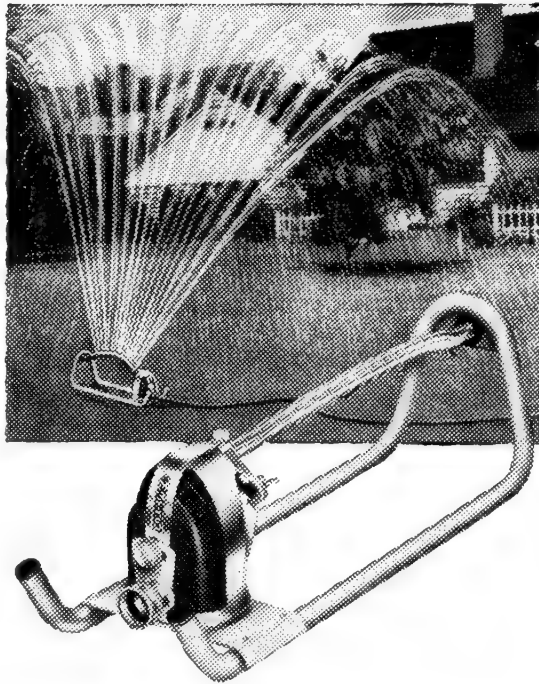
### BEMIS EROSIONET



Prevent seed washouts, grow beautiful lawns and terraces with one seeding by using this open-mesh woven paper fabric to hold seed and soil in place. Made only in 45 inch width. Per lineal yard 21c; 25 yds. up, @ 20c; 100 yds. up, @ 19c; 250 yd. roll \$42.50.

## MAKE YOUR OWN WEATHER WITH A GOOD SPRINKLER

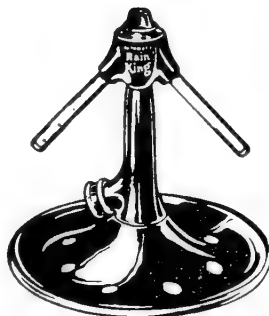
Here are but a few of the many types we have in stock.



#### METCO WAVE SPRINKLERS

They sweep the lawn with a curtain of rain. Covers rectangular area—reaches the corners. Precision built, attractive design, guaranteed. New improved models.

MODEL 2S (covers 45x60' area).....	\$22.95
MODEL "M" (covers 40x50' area).....	13.95
MODEL "J" (covers 38x45' area).....	11.95



#### RAIN-KING MODEL K SPRINKLER

Now, by simply turning the button on top, milady can adjust the model K to cover from 5 to 50 feet diam. Not a gadget, but a practical tool by Sunbeam.

Model "K" (Illustrated above).....	\$9.25
Model "H" .....	8.50
Model "D" .....	6.50
Sunbeam Nozzle .....	1.50

#### RAIN-KING Traveling Sprinkler

New, revolutionary features. Will travel any course up to 100' long in a straight line or around corners. Covers from 5 to 50' width. Features finger-tip control same as the Model K above. Guaranteed by SUNBEAM.

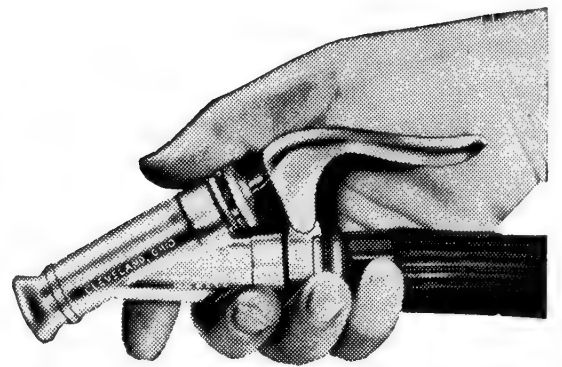
No. K-20 ..... Each \$39.50

#### Spike Disc Lawn Aerator

Eight sharp 10" pronged discs in a row. Covers a strip 16" wide. Especially valuable before or after seeding or feeding. Complete with weight box, \$17.00.

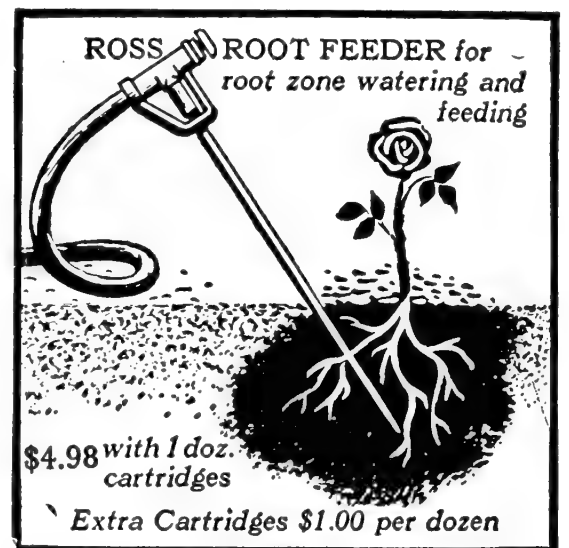
#### "SOILAIRE" Mechanical Earthworm

For aerating compacted soils. Removes a 5/8" diameter plug with each penetration. Deluxe Model ..... Each \$6.95  
 Deeptime Model (for trees) ..... \$4.95



Instant one hand control of water flow with the KAY Lever Spray from fine mist to heavy gush. Made of brass and other rust-proof metals. Locks in any position. Beautifully chrome plated, guaranteed.

Each ..... \$1.69



#### "HYDROD" Water Wand

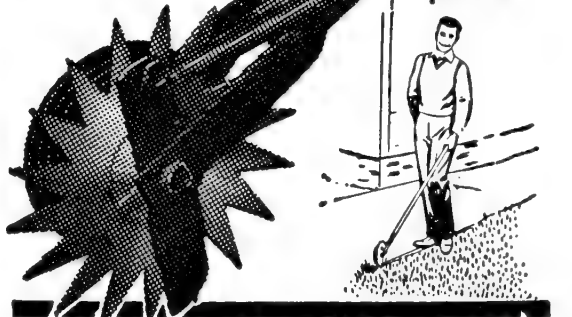
Tubular aluminum 4 ft. handle with pressure breaker discharge. Gives full flow without force. Excellent for watering flower beds and borders. No washing of soil.

Each ..... \$3.95

## It's Fun! TO EDGE YOUR LAWN WITH A WICK lawn edger

Edge your lawn with the greatest of ease—with the edger designed to follow the contour of the ground. This unit will not dig or plow, weighs only 3 lbs., has a 48" handle, and 4 inch rubber tire to guide it along smoothly. Its knife is self sharpening and self adjusting. Get your Wick Lawn Edger today!

**\$4.49**





**1954**

# **Bulk Price List**

**SEEDS OF PROMISE**



## **THE GARDEN STORE**

*“Home of Friendly Garden Service”*

**107-109 EAST THIRD STREET, DAYTON 2, OHIO**

**Telephone ADams 6205**

THE GARDEN STORE warrants to the extent of the purchase price that all seeds and bulbs we sell are as described on the container within recognized tolerances. We give no other warranty express or implied.

**ALL PRICES QUOTED IN THIS CATALOG ARE SUBJECT TO STOCKS ON HAND AND MARKET CHANGES AND ARE SUBJECT TO CHANGE WITHOUT NOTICE.**

Prices quoted herein are PREPAID on all small seeds, but NOT on PEAS, BEANS, CORN, ONION SETS and other bulky items unless specifically indicated.

Packets of all varieties are 10c unless otherwise noted

## ONION SETS

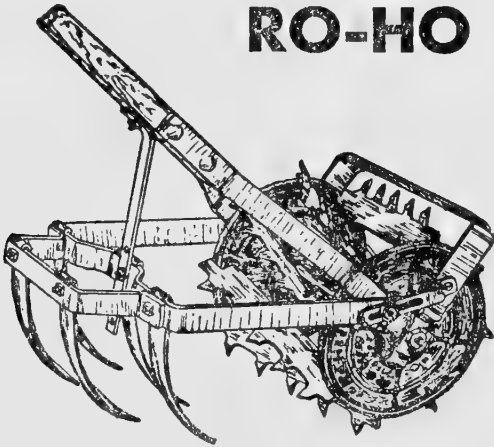
**YES!! And Plenty of Them!!**  
White Globe . . . Yellow Globe and  
Bottle Onion Sets

Nice small sets — just the right size  
for growing early green onions, or  
large onions for winter use. Avail-  
able from March to June.

## ONION PLANTS

These sweet Bermuda or Spanish  
onion plants are becoming increas-  
ingly popular every year. Grown in  
the South, they reach us by fast ex-  
press in bundles of approximately  
100 each. Available from late March  
to early May.

**ASK FOR PRICES**

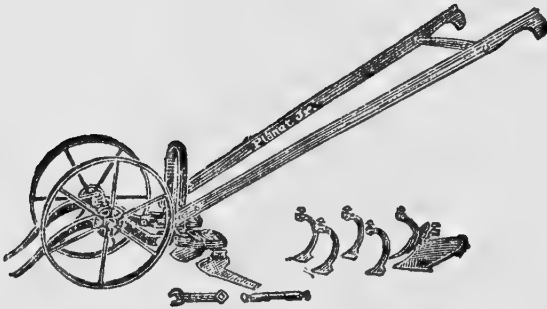


**RO-HO**

### The RO-HO Gardener

It weeds, hoes, cultivates and mulches your  
garden at walking speed. Cultivate deeply  
or just mulch the surface. Pushes easier  
than a lawn mower. Use it once and you'll  
never be without it. Fine for seed bed  
preparation. Each \$11.85.

## Planet Jr. Tools



## SEEDERS & WHEEL HOES

No. 4D Seeder only .....	\$25.50
No. 4 Comb. Seeder and Cultivator .....	31.95
No. 300-A Seeder (with plates) .....	34.95
No. 219 Fertilizer Drill .....	19.95
No. 17 Single Wheel Plow ....	13.25
No. 12 Double Wheel Plow ....	19.95

**IN STOCK:** An assortment of  
shovels, steels and accessories for  
various hand and power models of  
Planet JR equipment!

## ASPARAGUS

	Oz.	¼ Lb.	Lb.	5 Lbs.
Mary Washington .....	\$0.30	\$0.85	\$2.50	\$11.50

## BEANS

(5 lbs. of a kind at the 10 lb. rate)

**Not Prepaid**

### DWARF GREEN POD

	Pkt.	½ Lb.	Lb.	10 Lbs.	25 Lbs.
Bountiful .....	\$0.15	\$0.25	\$0.50	\$3.80	\$8.75
Burpee's Stringless .....	.15	.25	.50	3.60	8.00
Giant Stringless .....	.15	.25	.50	3.80	8.75
Red Valentine Stringless .....	.15	.25	.50	3.80	8.75
Tendergreen .....	.15	.25	.50	3.80	8.75
Tennessee Green Pod .....	.15	.25	.50	3.80	8.75
Top Crop .....	.15	.30	.55	4.20	9.75
Wade (new) .....	.15	.30	.55	4.20	9.75
White Half Runner .....	.15	.30	.55	4.20	9.75

### DWARF WAX or YELLOW POD

Golden Wax, Top Notch .....	.15	.30	.55	4.20	9.75
Pencil Pod Wax .....	.15	.30	.55	4.20	9.75

## SHELL BEANS

Dwarf Horticultural (Cranberry) .....	.15	.30	.55	4.20	9.75
Great Northern .....	.15	.20	.35	3.00	7.00
Kidney, Red .....	.15	.30	.55	4.20	9.75
Mexican Chili .....	.15	.30	.55	4.20	9.75
Navy, White .....	—	.20	.35	3.00	7.00

## POLE or CLIMBING BEANS

Creaseback, Striped .....	.15	.30	.55	4.40	10.25
Cutshort, Red Speckled .....	.15	.30	.55	4.40	10.25
Kentucky Wonder .....	.15	.25	.50	3.80	8.75
Kentucky Wonder Wax .....	.15	.35	.65	5.50	13.00
Pole Horticultural (Cranberry) .....	.15	.30	.55	4.20	9.75
Lazy Wife .....	.15	.30	.55	4.20	9.75
McCaslan Pole .....	.15	.30	.55	4.20	9.75

## LIMA or BUTTER

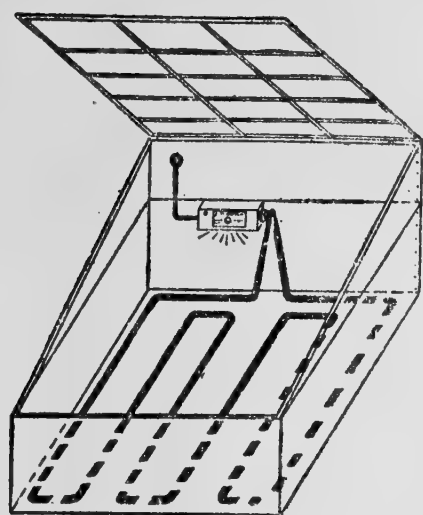
Burpee's Improved Bush .....	.15	.30	.55	4.50	10.50
Fordhook 242 .....	.15	.30	.55	4.50	10.50
Thorogreen .....	.15	.25	.50	3.80	8.75
King of the Garden Pole .....	.15	.30	.55	4.50	10.50

## BEETS—SWISS CHARD

	Oz.	¼ Lb.	½ Lb.	Lb.	5 Lbs.
Crosbys Egyptian .....	\$0.15	\$0.45	\$0.80	\$1.50	\$ 6.25
Detroit Dark Red, Perfected....	.15	.45	.80	1.50	6.25
Early Wonder .....	.15	.45	.80	1.50	6.25
Mammoth Long Red (Stock Beets) .....	.15	.40	.65	1.15	5.00
Swiss Chard, Broad Rib Green .....	.15	.45	.80	1.50	6.25



Packets of all varieties are 10c unless otherwise noted

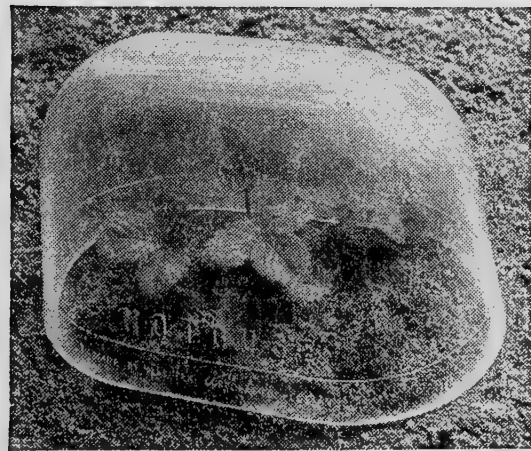


# "GRO-QUICK" Electric Seed Bed Heater

This year, grow your own plants in an electrically heated hot bed. Simple to install and economical to operate. Junior GRO-QUICK consists of thermostat, 40 feet of 200 watt electric heating cable and set of instructions. Senior GRO-QUICK consists of thermostat, 80 feet of 400 watt electric heating cable and set of instructions. Junior size heats 3 by 6 foot bed and the senior size heats a 6 by 6 foot bed.

Senior GRO-QUICK . . .	\$9.00
Junior GRO-QUICK . . .	\$6.75
Thermostat only . . .	\$4.50
Junior cable only . . .	\$2.25
Senior cable only . . .	\$4.50
Soil thermostat . . .	\$9.50

Something NEW under the sun!



Make your own weather with the new, sturdy, transparent "individual greenhouse"—the Plas-Tex "HOT-HOUSE." Controls temperature and humidity and can be used over and over for years. Assures protection from frost, wind, rain and insects. Speeds germination and growth. If you are interested in earlier crop maturity investigate the Plas-Tex "HOTHOUSE," created from Monsanto's Lustrex plastic.

Each 30c; Doz. \$3.00; 100, \$20.50.

## BROCCOLI

	Pkt.	½ Oz.	Oz.	¼ Lb.	Lb.
Calabrese Gr. Sprtg.....	\$0.15	\$0.25	\$0.40	\$1.15	\$3.50

## BRUSSELS SPROUTS

Long Island Impr.....	.15	.30	.55	1.50	4.50
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## CABBAGE (Regular)

Charleston Wakefield .....	.10	.25	.40	1.15	3.50
Copenhagen Market.....	.10	.25	.40	1.15	3.50
Danish Round Head .....	.10	.25	.40	1.15	3.50
Early Flat Dutch .....	.10	.25	.40	1.15	3.50
Premium Late Flat Dutch .....	.10	.20	.35	1.00	3.00
Red Rock .....	.10	.30	.55	1.50	4.50
Savoy Drumhead .....	.10	.25	.40	1.15	3.50

## CABBAGE (Yellows-resistant)

Golden Acre (Detroit) .....	.15	.30	.55	1.50	4.50
Marion Market .....	.15	.25	.45	1.35	4.00
Wisconsin All Seasons .....	.15	.25	.45	1.35	4.00
Wisconsin Hollander No. 8 .....	.15	.30	.55	1.50	4.50

## CHINESE CABBAGE

Chihili (Tall) .....	.10	.25	.40	1.10	3.25
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## CANTALOUPE (Muskmelon)

Banana .....	.10	.15	.25	.70	2.00
Benders Surprise .....	.10	.15	.25	.70	2.00
Hackensack .....	.10	.15	.25	.70	2.00
Hale's Best No. 986.....	.10	.15	.25	.70	2.00
Hearts of Gold (Morrill's) .....	.10	.15	.25	.70	2.00
Ohio Sugar (Green flesh) .....	.10	.15	.30	.85	2.50
Pride of Wisconsin .....	.10	.15	.25	.70	2.00
Rocky Ford .....	.10	.15	.25	.70	2.00
Sugar Rock (Honeyrock) .....	.10	.15	.25	.70	2.00
Tip Top .....	.10	.15	.25	.70	2.00

## CARROT

Chantenay, Red Cored .....	.10	.15	.25	.75	2.25
Danvers Half-long Special .....	.10	.15	.25	.75	2.25
Imperator .....	.10	.15	.25	.75	2.25
Nantes Coreless .....	.10	.15	.25	.75	2.25
Oxheart .....	.10	.15	.25	.75	2.25

## CAULIFLOWER

	¼ Oz.	½ Oz.	Oz.	¼ Lb.	Lb.
Super Snowball .....Pkt. .20	.60	1.10	2.00	6.00	18.00

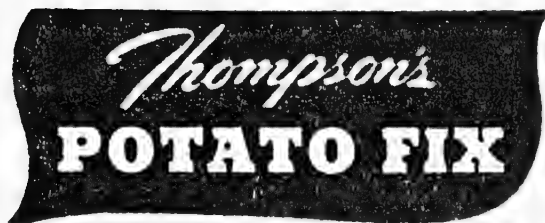
## CELERY (PKT. 15c)

Giant Pascal .....	.30	.50	.85	2.50	—
Golden Self Blanching .....	.30	.50	.85	2.50	—
Celeriac, Turnip-rooted Celery...	.30	.50	.85	2.50	—

## COLLARDS

True Georgia .....	—	—	.20	.50	1.50
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Packets of all varieties are 10c unless otherwise noted



## PREVENTS SPROUTING

Potato-Fixed potatoes will not sprout in storage, have greater palatability, better color and improved appearance, resulting in better customer acceptance. All these things add up to premium prices for a superior product at a cost of but a few cents a bushel. 1 oz. treats 1 bu. 9 oz. pkg. \$1.00; 16 ozs. \$1.50; 5 lbs. \$6.00; 25 lbs. \$25.00.

## SEED TREATING CHEMICALS

These materials are helpful in controlling or preventing injury to the seed or plants due to various fungi, insects or diseases. Properly treated seed assures better emergence and produces healthier plants that produce higher yields. Protect your investment in seeds and labor at very low cost. Treat all seeds and bulbs as recommended.

**ARASAN**—a non-mercuric treatment for corn, vegetables and certain other crop seeds. Pkt. 25c; 8 ozs. \$1.00; 4 lbs. \$6.00.

**SEMESAN**—For flower and vegetable seeds and bulbs. Use 1 oz. to 15 lbs. of seed. 4 ozs. \$1.00; 12 ozs. \$2.85.

**SEMESAN BEL**—Dip treatment for seed potatoes, for scab and rot control. Pound treats 70 to 80 bu. 2 ozs. 50c; lb. \$2.30; 4 lbs. \$7.50.

**CERESAN (New Improved)**—Effective dip treatment for bulb rot of Gladiolus. 4 ozs. 50c.

**CERESAN M**—For dry or slurry treatment of small grains. Use ½ oz. per bu. 14 ozs. \$1.25; 3 lbs. \$3.55.

**DuPONT F-531**—A cadmium fungicide for control of "dollar spot" in turf grasses. 3 ozs. treats 1000 sq. ft. Lb. \$2.40; 25 lbs. \$37.50.

**TERSAN "75"**—Safe and effective Thiram fungicide controlling "Brown Patch", "Dollar Spot" and "Snow Mold" in grasses. Lb. treats 9000 sq. ft. 5 ½ ozs. \$1.00; 3 lbs. \$6.75.

**GLADIOLUS DUST** — (Spergon-DDT)—Effective control of bulb rot and thrips. Use after harvest in Fall or before planting in Spring. Use also on Tulip, Narcissus, Iris and Lily bulbs. 2 ozs. 50c; lb. \$1.95; 10 lbs. \$11.50.

**SPERGON** — For corn, legumes, Soy Beans and various vegetable seeds. 2 ozs. 75c; 5 ozs. \$1.75; lb. \$2.50.

**LINDANE SEED TREATER** — Controls wire worms and other soil insects. Improves stands. 4 ozs. treats 1 bu. corn. 2 ozs. 49c; 8 ozs. \$1.55; lb. \$2.75.

## CORN, SWEET

(5 lbs. of a kind at 10 lb. rate)

Not Prepaid

### OPEN-POLLINATED (PKT. 10c)

	Days to Maturity	¼ Lb.	½ Lb.	Lb.	10 Lbs.	25 Lbs.
Black Mexican .....	87	.15	.25	.40	3.00	7.00
Country Gentleman .....	97	.15	.25	.40	3.00	7.00
Evergreen, Stowell's .....	96	.15	.25	.40	2.90	6.75
Golden Bantam, Improved .....	85	.15	.25	.40	3.00	7.00
Whipple's Early White .....	79	.15	.25	.40	3.00	7.00

### HYBRIDS (PKT. 15c)

Big Mo .....	82	.20	.35	.60	5.50	13.00
Evergreen Hyb. ....	93	.20	.35	.60	5.50	13.00
Gold Rush .....	66	.20	.35	.60	5.50	13.00
Golden Cross Bantam ....	86	.20	.30	.55	4.90	11.25
Ioana .....	90	.20	.30	.55	4.90	11.25
Iochief .....	85	.20	.35	.60	5.50	13.00
Marcross 13x6 .....	72	.20	.35	.60	5.50	13.00

### POPCORN (PKT. 15c)

Japanese Hulless .....	.15	.25	.40	3.00	7.00
Yellow Giant (Dynamite) .....	.15	.25	.40	3.00	7.00
Yel. Hybrid, Purdue No. 32 .....	.25	.45	.75	6.75	—
Minn. Hyb. No. 250 Wh. Hulless .....	.25	.50	.85	7.50	—

## CUCUMBER

	Days to Maturity	Pkt.	Oz.	¼ Lb.	Lb.	5 Lbs.
A and C .....	68	.10	.25	.75	2.25	10.50
Boston Pickling .....	58	.10	.25	.75	2.25	10.50
Burpee's Hybrid .....	62	.25	4.50	—	—	—
Early Cluster .....	56	.10	.25	.75	2.25	10.50
Early Fortune .....	63	.10	.25	.75	2.25	10.50
Long Green, Improved .....	67	.10	.25	.75	2.25	10.50
Marketer .....	65	.15	.35	1.00	2.85	13.75
National Pickling .....	56	.10	.25	.75	2.25	10.50
Stays Green .....	60	.10	.25	.75	2.25	10.50
Straight-8 .....	66	.10	.25	.75	2.25	10.50

## EGG PLANT (PKT. 15c)

	¼ Oz.	½ Oz.	Oz.	¼ Lb.	Lb.
Black Beauty .....	\$0.25	\$0.40	\$0.75	\$2.25	\$7.00
New Hampshire Hybrid .....	.30	.55	1.00	3.00	9.00

## ENDIVE

Deep Heart Fringed .....	.10	.15	.30	.75	2.25
Green Curled .....	.10	.15	.30	.75	2.25

## HERBS

Anise, Basil, Caraway, Chives, Dandelion, Dill, Fennel (sweet), Lavender, Marjoram, Rosemary, Sage, Summer Savory and Thyme ..... Per Pkt. 15c

## KALE

	$\frac{1}{2}$ Oz.	Oz.	$\frac{1}{4}$ Lb.	Lb.	
Dwarf Blue Curled Scotch .....	—	.15	.25	.65	1.85
Dwarf Siberian .....	—	.15	.25	.65	1.85



Packets of all varieties are 10c unless otherwise noted

## Frost Can't Hurt Plants

Place **HOTKAPS** — patented paper hot-houses — over seeds or plants. Complete protection from destructive **FROSTS, STORMS AND INSECTS**. Ripen crops 3 weeks earlier; increase yield 18% to 51%. Maintain perfect mulch. Millions used by successful growers every season. Easy to set. 25 for 95c; 100 for \$3.15; 250 for \$5.90; 1000 for \$18.35; 5000 @ \$18.20 per 1000; 10,000 @ \$18.05 per 1000. Steel **HOTKAP** setter, \$1.95 each. Fibreboard Setter, 20c.



## HOTKAPS

A GERMACO PRODUCT

## CARBOLA-

### Disinfecting White Paint

(Now Contains Lindane)

Makes walls snow white at a cost of about 3 cents for each 25 sq. ft. Simply mix with water and brush or spray it on. Particularly recommended for basements, poultry houses, dairy barns, etc. Kills germs and many insects as well. Purifies and deodorizes. Easy to mix... easy to apply. 5 lbs. 95c; 10 lbs. \$1.55; 25 lbs. \$3.50; 50 lbs. \$6.25.

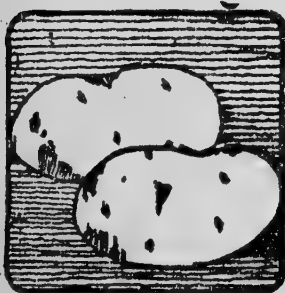


## Grow Your Own Mushrooms Right In Your Own Basement

"Magic" Mushroom Trays are prepared, odorless "mushroom beds" in wooden trays, 14 x 17" ready to grow in any cool basement or storage room where the temperature can be maintained at from 55 to 65°F. Water as directed and start picking mushrooms in 3 to 4 weeks, continuing up to 4 months. Available from October to March.

2 for \$3.25; 4 for \$6.25; 10 for \$15.00.

## SEED POTATOES



worth the slight over ordinary crop with more large smooth No. 1 potatoes can reasonably be expected from our certified seed.

ASK FOR PRICES

Our State Certified northern grown seed potatoes will reduce the hazards of crop failure. True to varietal name, and grown especially for seed in the best adapted sections of Maine, Michigan and the Red River Valley, they are well additional cost stock. A better

### KOHL-RABI

	½ Oz.	Oz.	¼ Lb.	½ Lb.	Lb.
White Vienna .....	.20	.35	1.00	1.75	3.00

### LEEK

American Flag.....Pkt. 15c	.35	.65	2.00	3.25	5.50
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### LETTUCE

#### LOOSE LEAF TYPES

Grand Rapids Select.....	.15	.25	.75	1.25	2.25
Oakleaf .....Pkt. 15c	.25	.45	1.25	2.25	4.00
Prizehead (Tinged Red) .....	.15	.25	.75	1.25	2.25
Salad Bowl .....Pkt. 15c	.50	.85	2.50	4.50	8.00
Simpson, Black Seeded .....	.15	.25	.75	1.25	2.25

#### HEADING TYPES

Bibb .....Pkt. 15c	.25	.45	1.25	2.25	4.00
Big Boston .....	.15	.25	.75	1.25	2.25
Iceberg .....	.15	.25	.75	1.25	2.25
Imperial No. 847 .....Pkt. 15c	.25	.45	1.25	2.25	4.00
Great Lakes .....Pkt. 15c	.30	.55	1.65	3.00	5.50
New York No. 12 .....Pkt. 15c	.25	.40	1.15	2.00	3.50
Romaine, White Cos .....	.15	.25	.75	1.25	2.25

### MUSTARD

Florida Broad Leaf .....	—	.15	.40	.70	1.25
Fordhook Fancy .....	—	.15	.40	.70	1.25
Tendergreen .....	—	.15	.40	.70	1.25
(Mustard Spinach) .....	—	.15	.40	.70	1.25

### OKRA

Dwarf Green Long Pod .....	—	.15	.35	.60	1.00
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### ONIONS

	Pkt.	½ Oz.	Oz.	¼ Lb.	Lb.
Evergreen White Bunching .....	.15	.35	.60	1.75	5.25
Silverskin or Portugal .....	.15	.35	.60	1.75	5.25
Southport Red Globe .....	.15	.35	.60	1.75	5.25
Southport White Globe .....	.15	.35	.60	1.75	5.25
Southport Yellow Globe .....	.15	.35	.60	1.75	5.25
Yellow Globe Danvers .....	.15	.30	.50	1.50	4.50
Sweet Spanish (Utah Strain) ..	.15	.35	.60	1.75	5.25

### PARSLEY

Hamburg Rooted .....	.10	.15	.25	.70	2.00
Moss Curled .....	.10	.15	.25	.70	2.00

### PARSNIPS

Hollow Crown .....	.10	.15	.25	.65	1.75
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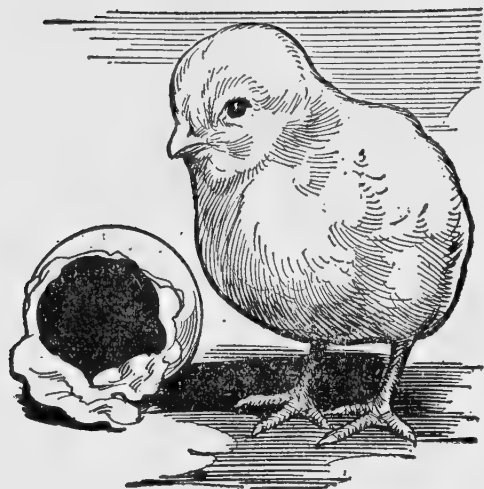
### PEAS

(5 lbs. of a kind at the 10 lb. rate, 50 lbs at the 100 lb. rate)

Not Prepaid

	Days to Maturity	½ Lb.	Lb.	10 Lbs.	25 Lbs.	100 Lbs.
Alaska						
Wilt Resistant, 28" ....	58	\$0.15	\$0.30	\$2.20	\$5.00	\$18.00
Black Eyed Peas .....	—	.20	.35	3.00	—	—
Dwarf Telephone, 24"....	75	.20	.35	2.90	6.75	26.00
Freezonian, 24" .....	63	.20	.35	2.90	6.75	26.00
Laxtonian						
(Blue Bantam) 18" ....	62	.20	.35	2.90	6.75	26.00
Laxton's Progress, 18" ..	60	.20	.35	2.90	6.75	26.00

Packets of all varieties are 10c unless otherwise noted



## MIAMI-BRED BABY CHICKS

Sturdy liveable chicks from the large modern sanitary plant of Miami Chick Hatchery at Sidney, Ohio. We've supplied our customers with these fine chicks now for over 15 years and honestly say that to our knowledge, do not have even one dissatisfied customer. These are really "chicks with a future" with a proven record of exceptionally high liveability and egg production. All breeding flocks are properly blood-tested at regular intervals, and are true to breed and type.

All the more popular breeds are available including Large White Leghorns, Barred Rocks, White Rocks, R. I. Reds, New Hampshire Reds and White Wyandottes. Sexed chicks are available if desired. But place your order early to be sure to have them when you want them.

PLACE YOUR ORDER EARLY

## NEEGARDS

A practical soft sponge rubber knee protector which merits wider usage. Kneel in comfort. Recommended for gardeners, cement finishers, floor layers and household chores. Pair \$2.00.

**stikit wikit**  
REG. U.S. PAT. OFF.  
the modern  
fencing



PROTECTS  
AND BEAUTIFIES

**\$2.40**  
THE DOZEN

In cartons of two dozen  
(makes 24 feet of fence)

Easy to hammer  
into hard ground

21" High, 12" Wide,  
1/4" steel enameled green

## PEAS—Con't

	Days to Maturity	1/2 Lb.	Lb.	10 Lbs.	25 Lbs.	100 Lbs.
Little Marvel, 18" .....	62	\$0.20	\$0.35	\$2.90	\$6.75	\$26.00
Nott's Excelsior (Amer. Wonder) 16" ..	61	.20	.35	2.90	6.75	26.00
Premium Gem, 22" .....	64	.20	.35	2.90	6.75	26.00
Sugar, Dwarf (Edible Pod) 28" .....	65	.25	.45	4.00	—	—
Telephone Imp. (Alderman) 52" .....	75	.20	.35	2.90	6.75	26.00
Thomas Laxton, 30" .....	62	.20	.35	2.90	6.75	26.00

## PEPPERS

### SWEET VARIETIES

	Pkt.	1/4 Oz.	1/2 Oz.	Oz.	1/4 Lb.
Bullnose or Bell (Mildly pungent) .....	\$0.15	\$0.25	\$0.45	\$0.80	\$ 2.50
California Wonder .....	.15	.25	.45	.80	2.50
Chinese Giant .....	.15	.25	.45	.80	2.50
Oshkosh .....	.15	.35	.60	1.00	3.00
Pimento, Large .....	.15	.25	.45	.80	2.50
Ruby King .....	.15	.25	.45	.80	2.50
Sunnybrook Pimento .....	.15	.35	.60	1.00	3.00
Sweet Banana .....	.15	.35	.60	1.00	3.00

### HOT VARIETIES

Cayenne Long Narrow .....	.15	.35	.60	1.00	3.00
Hungarian Wax (Slim) .....	.15	.35	.60	1.00	3.00
Red Hot Chili .....	.15	.35	.60	1.00	3.00

## PUMPKIN and SQUASH

### SUMMER VARIETIES

	Pkt.	Oz.	1/4 Lb.	1/2 Lb.	Lb.
Buttercup .....	\$0.10	\$0.30	\$0.85	\$1.50	\$ 2.75
Caserta .....	.10	.25	.65	1.15	2.00
Cocozella Veg. Marrow .....	.10	.25	.65	1.15	2.00
Scallop, Ea. Wh. Bush .....	.10	.20	.60	1.00	1.85
Straightneck, Early .....	.10	.20	.60	1.00	1.85
Zucchini, Black .....	.10	.25	.65	1.15	2.00

### WINTER VARIETIES

Banana .....	.10	.25	.65	1.15	2.00
Butternut .....	.10	.30	.85	1.50	2.75
Conn. Field (Big Tom) .....	.10	.15	.50	.85	1.50
Cushaw, Green Striped .....	.10	.15	.50	.85	1.50
Hubbard, Blue .....	.10	.25	.65	1.15	2.00
Hubbard, Golden .....	.10	.25	.65	1.15	2.00
King of the Mammoths .....	.10	.20	.60	1.00	1.85
Large Cheese (Ky. Field) .....	.10	.15	.45	.75	1.35
Small Sugar or Pie .....	.10	.15	.50	.85	1.50
Table Queen (Acorn) .....	.10	.20	.60	1.00	1.85
Uconn (New) .....	.10	.25	.65	1.15	2.00
Winter Luxury .....	.10	.15	.50	.90	1.65

## RADISH

Cherry Belle .....	\$0.10	\$0.15	\$0.35	\$0.60	\$ 1.00
Cincinnati Market .....	.10	.15	.35	.60	1.00
Crimson Giant .....	.10	.15	.35	.60	1.00
French Breakfast .....	.10	.15	.35	.60	1.00
Icicle, White .....	.10	.15	.35	.60	1.00
Scarlet Globe, Short Top .....	.10	.15	.35	.60	1.00
Sparkler, White Tipped .....	.10	.15	.35	.60	1.00
White Strasburg .....	.10	.15	.35	.60	1.00



Packets of all varieties are 10c unless otherwise noted

Inoculate all Legume Seeds with

# NITRAGIN

OVER FIFTY YEARS OF SERVICE

When ordering, Always state name of seed.

<b>COMBINATION (AB)</b>	<b>BEANS (D)</b>
Size Retail	Navy, Pinto, Wax, String, Kidney and Great Northern
1 bu. ea. ....\$ .55	Size Retail
2 bu. ea. .... .95	1 bu. ea. ....\$ .55
<b>ALFALFA (A)</b>	<b>PEANUTS,</b>
Swt., Bur, Hubam Clovers	<b>COW PEAS (E)</b>
1 bu. ea. ....\$ .55	2 bu. ea. ....\$ .40
<b>CLOVERS (B)</b>	<b>BIRDSFOOT</b> Trefoil—
Red, Alsike, Crimson, White and Ladino.	Broadleaf and Narrow-leaf varieties.
1/8 bu. (Ladino) each .....\$ .18	4 lb. ea. ....\$ .15
1 bu. ea. .... .55	1/2 bu. ea. .... .40
<b>LESPEDEZA (L)</b>	<b>SPECIAL CULTURES—</b>
100 lb. size (Inoculates up to 100 lbs.) ..\$ .55	Give name of seed when ordering. Big Trefoil, Crown Vetch, Kudzu, Garbanzo (Chick Pea), Lima Bean, Sanfoin, Sesbania, Astragalus Sp. (Milkvetch), Leucaena glauca. Others upon request.
<b>PEAS, (C)</b>	1/8 bu. ea. ....\$ .18
<b>VETCHES (All But Crown)</b>	1 bu. ea. .... .65
100 lb. size (Inoculates up to 100 lbs.) ea. \$ .50	<b>GARDEN SIZE—</b> Peas, Beans, Sweet Peas, Lupines, Lima Beans, and Edible Soybeans.
<b>SOYBEANS (S)</b>	Enough for 8 lbs. seed
2 bu. ea. ....\$ .40	—Retail Price 15c ea.
5 bu. ea. .... .60	
25 bu. ea. .... 2.70	
(one can)	

## RADISH—Con't

### WINTER VARIETIES

	Pkt.	Oz.	1/4 Lb.	1/2 Lb.	Lb.
Black Spanish, Long.....	.10	.15	.45	.75	1.35
Black Spanish, Round.....	.10	.15	.45	.75	1.35
China Rose .....	.10	.15	.45	.75	1.35
White Celestial (Chinese).....	.10	.15	.45	.75	1.35

## SALSIFY

	1/4 Oz.	1/2 Oz.	Oz.	1/4 Lb.	Lb.
Mammoth Sandwich Island .....	\$0.15	\$0.25	\$0.45	\$1.50	\$ 4.50

## SPINACH

	Oz.	1/4 Lb.	Lb.	5 Lbs.	25 Lbs.
America (New) .....	\$0.10	\$0.25	\$0.65	\$3.00	\$13.75
Bloomsdale—Long Standing ....	.10	.20	.55	2.50	11.00
King of Denmark .....	.10	.20	.55	2.50	11.00
New Zealand (Summer Spinach) .....	.15	.35	1.00	4.50	—
Nobel Giant Leaved .....	.10	.20	.55	2.50	11.00
Virginia—Blight Resistant .....	.10	.20	.55	2.50	11.00

## TOMATO

	1/4 Oz.	1/2 Oz.	Oz.	1/4 Lb.	Lb.
Baltimore, Indiana Certified.....	\$0.25	\$0.45	\$0.80	\$2.50	\$ 7.50
Beefsteak .....	.35	.60	1.15	3.50	—
Bonny Best .....	.25	.45	.80	2.50	7.50
Big Boy Hybrid .....	Pkt. 50c	—	—	—	—
Burpee Hybrid .....	Pkt. 35c	—	—	—	—
Dwarf Stone .....	.35	.60	1.15	3.50	—
Earliana .....	.35	.60	1.15	3.50	—
Golden Ponderosa .....	.35	.60	1.15	3.50	—
Jubilee (New orange color) ....	.35	.60	1.15	3.50	—
Marglobe, Certified .....	.25	.45	.80	2.50	7.50
Oxheart .....	.45	.75	1.35	4.00	—
Pritchard, Certified .....	.35	.60	1.15	3.50	—
Rutgers, Certified .....	.25	.45	.80	2.50	7.50
San Marzano (Italian) .....	.60	1.00	1.75	5.00	—
Small Fruited Preserving .....	.35	.60	1.15	3.50	—
Stokesdale, Certified .....	.25	.45	.80	2.50	7.50
Stone, Improved New .....	.20	.35	.65	2.00	6.50

## TURNIP

	Oz.	1/4 Lb.	1/2 Lb.	Lb.	5 Lbs.
Early Snowball (White).....	\$0.15	\$0.35	\$0.60	\$1.00	\$ 4.75
Purple Top—Strap Leaf.....	.15	.35	.60	1.00	4.75
Purple Top—White Globe.....	.15	.35	.60	1.00	4.75
Seven Top (For Greens) .....	.15	.35	.60	1.00	4.75

## RUTABAGA

American Purple Top .....	.15	.45	.75	1.25	6.50
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## WATERMELON

	Oz.	1/4 Lb.	1/2 Lb.	Lb.	5 Lbs.
California Honey (Ice Box)....	\$0.35	\$1.00	\$1.75	\$3.00	—
Dixie Queen (New) .....	.25	.75	1.25	2.25	10.00
Early Kansas .....	.20	.60	1.00	1.75	7.50
Kleckly Sweet .....	.20	.60	1.00	1.75	7.50
Stone Mountain .....	.20	.60	1.00	1.75	7.50
Tom Watson .....	.20	.60	1.00	1.75	7.50

## TERRA-LITE VERMICULITE

An Aid  
to  
Growing  
Things



Perfect as a mulch for all plants.

Use it for starting seeds, as a garden mulch, to lighten heavy soils, to root cuttings and as a bulb storing medium. Many tests prove it increases germination and reduces "damping off" of young seedlings. Endorsed by leading commercial growers and state universities. See page 43.



# FARM SEED PRICE LIST

FEBRUARY

1954

All quotations subject to stocks unsold and market changes. F. O. B. Dayton



## CLOVER, ALFALFA, TIMOTHY FANCY QUALITY STOCKS

	Per Pound Small Lots	Per Bu.
Timothy .....	\$ .35	\$ 9.90
Clover, Medium Red .....	.55	26.40
Clover, Mammoth Red .....	.55	26.40
Clover, Alsike .....	.50	23.40
Clover, White Sweet .....	.25	11.70
Clover, Yellow Sweet .....	.25	10.80
Alfalfa, Canadian Grimm ....	.50	23.40
Alfalfa, Ranger Certified .....	.55	27.00
Ladino Clover, Certified .....	.85	—
5 lb. or more, per lb. ....	\$ .80	

—All Grain Bags are Extra—

## FIELD GRASSES

	Per Pound		
	5 lbs. Up	25 lbs. Up	100 Lbs
Alta Fescue (Ky 31)....	\$ .30	\$ .27	\$24.00
Brome Grass (Lincoln) .....	.40	.35	31.00
Kentucky Blue Grass			
Lespedeza, Korean (Hulled) .....	.40	.36	32.00
Millet, Tennessee Cultivated .....	.19	.16	14.00
Orchard Grass .....	.40	.36	32.00
Rye Grass, Domestic..	.27	.26	23.00
Rye Grass, Perennial ..	.35	.35	31.00
Sweet Sudan Grass....			

## SEED CORN

OHIO CERTIFIED HYBRIDS—Local Grown  
Germination 90% or Better  
Listed in order of maturity

Per Bu.

Iowa 4297	}	Large Flats .....	\$9.00
Iowa 939		Medium Flats ....	9.00
R. 47		Small Flats .....	8.00
Ohio C. 38			
U. S. 13			

Other varieties of Ohio Certified Hybrids  
are available on special order.

## OPEN-POLLINATED CORN

	Lb.	5 Lbs.	Per Bu.
Woodburn Yellow Dent	.25	.95	\$7.25
Reid's Yellow Dent .....	.25	.95	7.25
Hickory King .....	.30	1.15	9.00
SEED OATS .....		ASK	

## SEED POTATOES

(State Certified)

Early Ohio .....	}	ASK FOR PRICES
Bliss Triumph .....		
Irish Cobbler .....		
Katahdin .....		
Russet Rural (Petoskey).....		

All of our Seed Potatoes are grown especially  
for seed, where potatoes grow best—in the North.

## MISCELLANEOUS SEEDS

	PER POUND	
	10 lbs up	100 lbs.
Broom Corn, Evergr'n	\$0.70	\$ .60
Rape, Dwarf Essex ....	.28	.25
Buckwheat .....	.15	.11

**Remember, all Clovers, Alfalfa, Soy Beans  
and other legumes should be inoculated.  
FOR NITRAGIN INOCULATION SEE THE  
OTHER SIDE OF THIS PAGE.**

# THE GARDEN STORE

"Home of Friendly Garden Service"

107-109 EAST THIRD STREET

Telephone ADams 6205

DAYTON, OHIO



# BULBS

## *and tubers*



## GLADIOLI

### All Thrip Free Large Clean Bulbs

The list of varieties of gladioli offered below represents our best efforts to bring to you the finest in their classes and colors from the many hundreds of kinds that are on the market today. All of them are recognized as outstanding varieties and are sure to please the most critical fancier.

**ACCA LAURENTIA**—Attractive orange with yellow blotch.  
**BLAZE**—Big orange-red blooms on tall straight stems.  
**BURMA**—Large ruffled deep rose self. A show winner.  
**ELIZABETH THE QUEEN**—Clear mauve pink; fine form.  
**EVANGELINE**—Buff pink with cream throat. Robust grower, disease resistant.  
**FLORENCE NIGHTINGALE**—An outstanding lovely new white.  
**GENERAL EISENHOWER**—A vivid rose pink. Mammoth spikes.  
**GOLD DUST**—Deep yellow. Vigorous grower, good anywhere.  
**HIGH FINANCE**—One of the best of the popular smoky lavenders.

**LAVENDER DREAM**—Lovely clear medium lavender.  
**LEADING LADY**—Large cream white with yellow throat. Show winner.  
**MANSOER**—Distinct blood red and velvety black.  
**MISS WISCONSIN**—Outstanding in size and color. Lovely rose pink.  
**MRS. MARK'S MEMORY**—Enormous flowers in purplish red.  
**PICARDY**—The ever popular apricot pink universally liked.  
**PURPLE SUPREME**—Bright purple. A popular exhibition variety.  
**RED CHARM**—One of the best medium reds. Very heat resistant.  
**SPOTLIGHT**—Bright yellow flower with distinct ruby throat blotch.

All the above varieties are uniformly priced as follows:  
 3 for 29c      Dozen 89c      100 for \$5.95

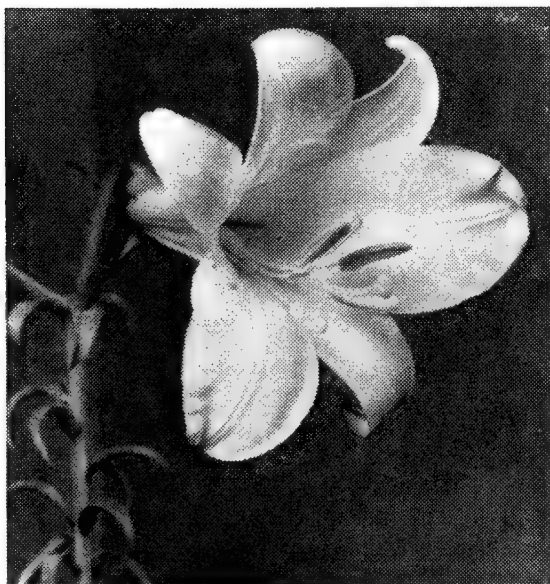
All Orders For 6 Or More Bulbs Of A KIND Take The Dozen Rate

### Pandora Deluxe Rainbow Mixture of Gladioli

This is our famous hand made mixture of No. 1 size bulbs containing many of the above listed varieties as well as dozens of other fine kinds especially selected for harmony of color, vigor of growth and general adaptability at a very low money-saving price. All are big Grandiflora varieties and guaranteed disease and thrip free.

Per Doz. \$0.69      Per 100 \$5.25      Per 1000 \$48.00

LILY, Regale



### Tuberoses

Double Pearl. Top size bulbs. 3 for 65c; doz., \$2.25.

### Ismene Calathina

(Peruvian Daffodil)

A lovely fragrant summer-flowering bulb. So easy to grow. Large white trumpets. Each 59c; 3 for \$1.65; dozen, \$6.00

**IMPORTANT**—All mail orders for bulbs amounting to \$2.00 or more will be shipped prepaid if cash accompanies order. BULBS WILL NOT BE SHIPPED C.O.D.

### Begonias

Tuberous Rooted

Camellia-flowered double varieties in top-size bulbs. 2" or more in diameter. Order by color; Crimson, scarlet, rose, orange, white and yellow. Each 35c; 3 for \$1.00; Doz. \$3.50.

### Caladium

**ELEPHANT EAR**—Effective foliage plant. Mammoth rich green leaves. Plant after May 1. Ea. 39c; Doz. \$3.95.

### Cannas

Dwarf Type—3 ft.

**CITY OF PORTLAND**, rose pink.  
**KING MIDAS**, yellow.  
**THE PRESIDENT**, red.

3 for 43c; doz. \$1.50; 100, \$11.50.

### Dahlias

Boxed assortment of 6 roots, all different, large flowering, each individually labeled. Guaranteed to grow. Planting instructions included. Per box of 6 roots \$2.00.

**POMPON TYPE**—Box of 6, \$1.50.

### Lilies

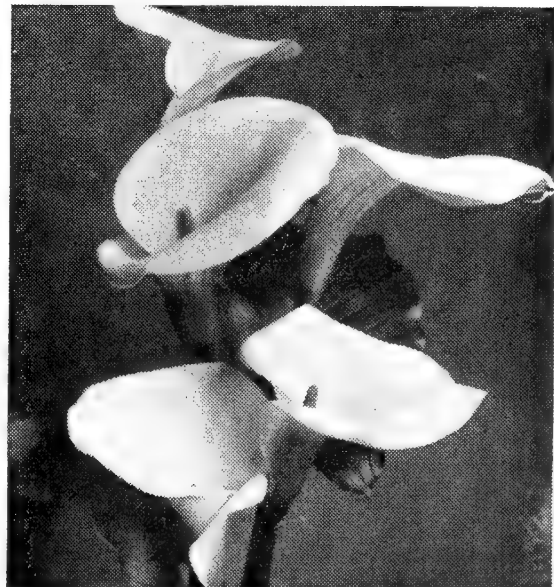
Lilies offered here are large 8-9" circumference bulbs and will bloom this season. Plant early as possible. Available Feb. 15th.

	Each	Per 3	Doz.
<b>AURATUM</b> .....	.49	1.35	5.00
<b>REGALE</b> .....	.39	1.10	4.00
<b>RUBRUM</b> .....	.49	1.35	5.00

### Peonies

All varieties available on order only, beginning in September.

LILY, Calla



# RODENT & PEST CONTROLS

**ANT-X**—A syrup type of Thallium Sulphate bait, attractive but also fatal to ants. Oz. tube 35c; 4 oz. tube \$1.00.

**CARBON DISULPHIDE**—For control of ants, digger wasps and cutworms; also for weevil-infested grains. Lb. 95c; case of 12, \$10.50.

**CHLORDANE INSECT KILLER (2%)**—This formulation made especially for control of insect pests in the home such as Roaches, Ants and Waterbugs. Apply with brush or sprayer. Pt. 69c; Qt. \$1.19.

**CROW REPELLENT**—Protects corn and melon seeds from being pulled or dug out by crows, pheasants, mice and other rodents. One half pint treats 1 bu. of corn. 1/2 pt. 35c; pt. 60c; qt. \$1.00.

**CYANO GAS "A"**—For destruction of ants, and ground moles, rats and other rodents. 4 oz. size 40c; lb. \$1.00; 5 lbs. \$3.85.

**D-CON**—See Warfarin below.

**DOGZOFF**—The original animal repellent. Use at full strength in any small sprayer. 3 ozs. 75c; 11 oz. aerosol dispenser \$2.25.

**FORCE'S MOLE KILLER PELLETS**—Made from foods that moles naturally eat, these pellets placed in the runways quickly kill the pests. Box of 75 pellets 60c; 185 for \$1.00; 875 for \$3.50.



**GAS CARTRIDGE**—For rodents and other animals which may be gassed in runways or other restricted areas. Each 15c; 6 for 85c; Doz. \$1.50.

**GRANT'S DOG REPELLENT** — Guaranteed effective for 3 months. Not affected by rain and harmless to plants. Simply push stake into ground. Each effective for 8 ft. area. Carton of 6 stakes \$1.25.

**INSECT REPELLENT (No. 622)**—Effective 4 to 6 hrs. when applied to the body against mosquitoes, fleas and chiggers. 2 oz. bottle 50c.

**MO-GO**—Mole and gopher bait made of thallium sulphate-impregnated peanuts. 1 1/8 ozs. 45c; 3 1/2 ozs. \$1.00; lb. \$3.50.

**NO-N'IBL Rabbit Repellent**—Based on the principle of taste repellency. Proved effective. Apply from shaker-top can or mix with water and spray. 6 oz. can 98c.

**RABBIT REPELLENT**—(G & O) Scatter along the rows of flowers or vegetables to be protected. Non-injurious to plants or animals. 5 lbs. \$1.50.

**RED SQUILL RAT KISSES**—A safe and dependable old time favorite. Safe to use around pets or poultry as it kills only rats. Pkg. of 12 baits 25c; full card of 12 pkgs. \$2.40.

## REPELLENT ROPE

Protect Your  
Vegetable  
Garden and  
Flower Beds



100 feet of chemical-impregnated cord having an odor repugnant to a wide range of animals. Insoluble, non-poisonous, harmless to pets. Circle flower beds or any other areas to be protected. Per pkg. of 100 feet \$1.50.

## USE CHLORDANE-45 FOR EFFECTIVE TERMITE CONTROL APPLY EXTERMINATOR HERE



**CHLORDANE-45**—One gallon will treat 50 lineal feet of foundation wall. Mix one gallon with 100 gallons of water and apply one gallon of this solution to each linear foot of trench around wall. Use a like amount to saturate the soil used to fill in the trench. This treatment is harmless to shrubs and plants and one such treatment is effective for a number of years if properly applied. Pt. \$1.95; Qt. \$3.25; Gal. \$8.00; 5 gal. can \$37.50.

## WARFARIN RAT & MOUSE CONTROLS

Newest, safest and most efficient rat and mouse exterminator known. They take it freely day after day until death. This requires from 5 to 14 days. Bait freely and continue as long as there is evidence of rodents. We offer two well known brands:

### BANARAT—Ready-mix

4 oz. pkt. . . . . .50  
lb. . . . . .1.00  
5 lbs. . . . . .3.95

### Concentrate (Mix 1 to 20)

1/4 lb. . . . . .1.75  
1/2 lb. . . . . .3.00  
5 lbs. . . . . .21.00

### D-CON Ready-mix

4 ozs. . . . . .89  
lb. . . . . .1.69  
5 lbs. . . . . .5.95

### Concentrate

8 ozs. . . . . .2.98

## SAVE YOUR TREES

It takes years  
to grow a tree.

It can die in  
months.



**TREE WRAP PAPER** — Water-repellent "Krinkle-Kraft" paper in rolls 4 inches wide and 150 ft. long. Use it to protect young trees from weather, rodents and insects. Per roll, 95c; 5 rolls up @ 90c.

**TREE WOUND PAINT**—A penetrating, healing antiseptic paint not affected by heat, cold or moisture. Prevents decay, repels animals, destroys fungous spores. Non-poisonous and non-injurious to hands. Pt. 59c; Qt. 98c; Gal. \$2.75; 5 Gal. \$12.50.

**SPRA-SHIELD**—Protects young trees, roses and shrubbery against mice and rabbits. Eliminates tree wrappings. Spray it on the bark with any sprayer. Qt. \$1.75; gal. \$3.90; 5 gal. \$16.00.

**"CEE-TEE" Tree Protectors**—Positive protection for young trees from rodent and small animal injury. Interlocking plastic shields 12" high for up to 3" diameter trunks. May be made as high as necessary by adding units. Per pr. (1 unit) 39c; 6 pr. \$2.25.

**GRAFTING WAX**—The famous Trow-bridges—best on the market. Use it for budding, or grafting or as a cavity fill. 1/2 lb. pkg. 50c; 1 lb. 85c.

**DE-K-PRUF**—Low cost protection against rot and mildew. Its use triples the life of wood in contact with soil. Use it for flats, posts, porches, greenhouses, etc. Qt. 90c.

**PENTA FIX (Preservative)**—Contains 40% Pentachlorophenol. Increases life of wood three fold and is perhaps the most efficient of the various wood preservatives. Dilute 1 part with 10 parts of fuel oil. Protects against fungi which cause decay as well as Termites, Powder Post Beetles, etc. Gal. \$4.50; 5 gal. \$21.00.

**ROOT ELIMINATOR** will keep your sewer free of stoppage from tree roots. Harmless to trees and plumbing. Drop one soluble briquette in wall tank each month.

### MONEY BACK GUARANTEE

One year's supply only . . . . . \$3.95

### VICTOR MOLE TRAP

A most effective spear type trap. All steel, non-breakable, with 6 sharp tines and heavy coil spring. Full directions included. Each \$1.85.

### RAT TRAP

"Can't Miss" spring rat trap mounted on a wood base. Trips easily. Each 29c.

### McGILL MOUSE TRAP

This is the new self-setting all steel trap that catches and holds them. Easy to sterilize. Each 15c; doz. \$1.65.



# MOON

## PLANTING GUIDE

### Phases and Positions of the Moon in 1954

For time immemorial many farmers and gardeners have timed their planting and weeding by the four phases of the moon and its passage through the belt of twelve constellations which comprise the zodiac. For the benefit of those who use this method to guide their planting times we show here all the necessary information generally shown in more voluminous arrangements. We cannot vouch for the effectiveness of this method, but we are glad to provide these complete up-to-date tables for those who want them.

#### Signs of the Zodiac and Their Accepted Influences

♈ **ARIES:** Tends to dryness, barrenness. Fairly good for cultivating, spraying and weeding.

♉ **TAURUS:** Fairly productive. A good sign for planting root crops particularly potatoes and bulbous plants.

♊ **GEMINI:** Dry and barren. Not good for any kind of planting or transplanting. Kill noxious growths.

♋ **CANCER:** Moist, very fruitful, most productive of the Zodiac. Planting and transplanting should yield good crops. Irrigate, bud, graft, transplant.

♌ **LEO:** Most dry and barren sign. Use only to kill weeds, destroy roots, etc.

♍ **VIRGO:** Moist but barren. Not recommended for planting or transplanting; good for cultivating and destroying.

♎ **LIBRA:** Fairly fruitful. Seed for hay, corn, fodder, etc. Produces vigorous pulp growth, reasonable amount of grain. Good for flowers.

♏ **SCORPIO:** Next to Cancer in productiveness. Irrigate but do not dig potatoes.

♐ **SAGITTARIUS:** Generally considered barren but used by many for onions, seeding for hay, destroying weeds, etc.

♑ **CAPRICORN:** Earthly, fairly productive. Similar to Taurus but drier. Bulbous flowers, potatoes, tubers, root crops.

♒ **AQUARIUS:** Somewhat barren. Good only for cultivation and extermination of pests.

♓ **PISCES:** Similar to Cancer so use for same purposes. Very productive. Do not dig potatoes.

#### When to Plant

The tables at right show when the moon enters each sign of the Zodiac. It also shows the moon's changes.

Under each month, we show first the time at which the moon enters each SIGN (day of the month and hour of the day, **Central Standard Time**). Then we show the moon CHANGES (day and hour) for each month.

#### 1st QUARTER, MOON INCREASING

—During 1st Quarter of Moon plant the following: Asparagus, Broccoli, Brussels Sprouts, Cabbage, Cauliflower, Celery, Corn, Cucumbers, Endive, Kohlrabi, Leeks, Lettuce, Spinach, Barley, Oats, Rye, Wheat.

#### 2nd QUARTER, MOON INCREASING

—During 2nd Quarter of Moon plant the following: Beans, Egg Plant, Melons, Peas, Peppers, Pumpkins, Squash, Tomatoes, flowers, and cereals.

When possible, plant seed while the Moon is in the fruitful signs of Cancer

(♋), Scorpio (♏), or Pisces (♓). The next best signs are Taurus (♉), Libra (♎), and Capricorn (♑).

#### 3rd QUARTER, MOON DECREASING

—During 3rd Quarter of Moon plant the following: Beets, Carrots, Chicory, Parsnips, Potatoes, Radishes, Rutabagas, Onions, Turnips, Tubers.

#### 4th QUARTER, MOON DECREASING

—In 4th or Last Quarter of the Moon turn sod, pull weeds, and destroy noxious growths, especially when Moon is in barren signs, Gemini (♊), Leo (♌), Virgo (♍) or Aquarius (♒).

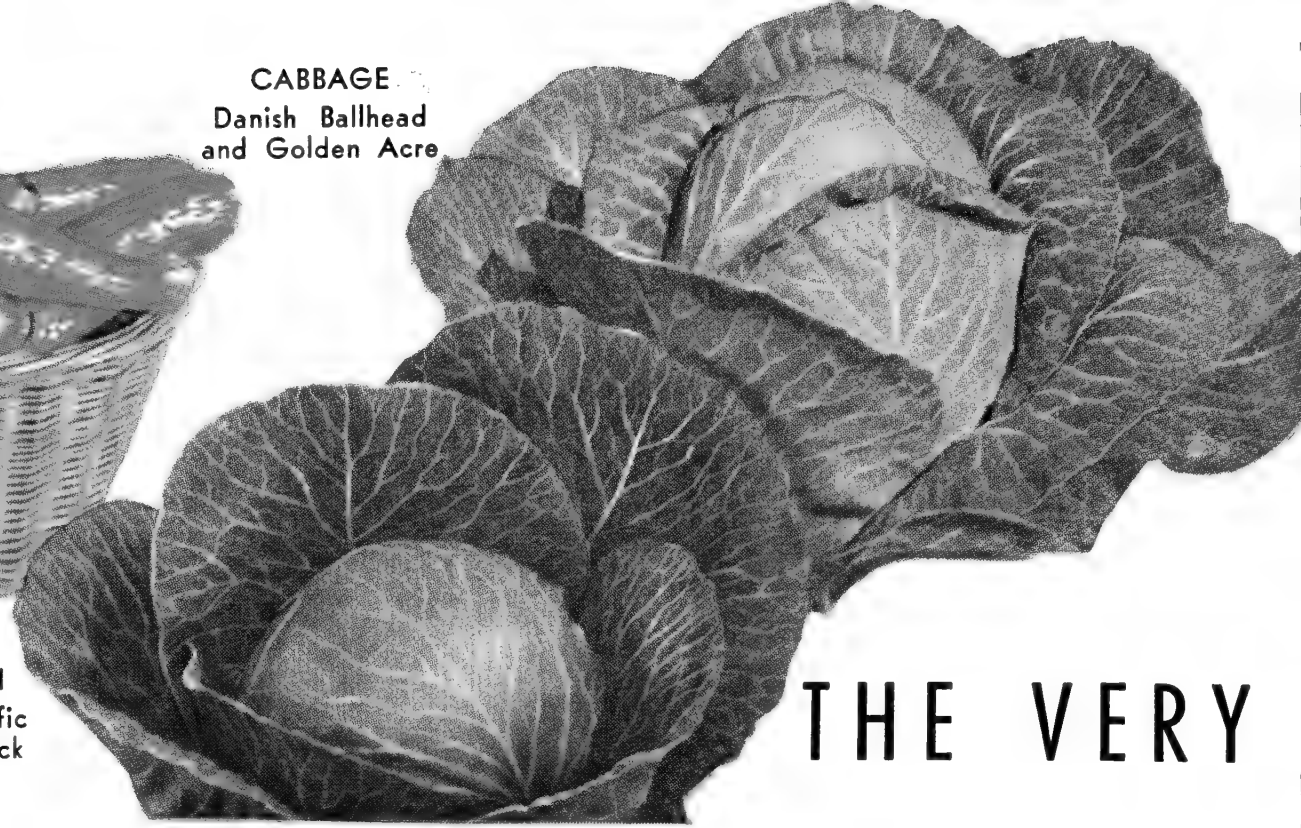
NOTE: All times shown below are Central Standard time.

JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE
1 ♀ .10:37a	2 ♀ .9:35a	1 ♀ .8:01p	2 ♀ .9:39a	1 ♂ .7:42p	2 ♀ .6:46a
3 ♀ .6:42p	4 ♂ .0:02a	3 ♂ .10:29p	4 ♂ .8:43a	3 ♀ .7:10p	4 ♀ .10:38a
6 ♀ .0:21a	6 ♀ .1:15p	5 ♀ .10:39p	6 ♀ .8:42a	5 ♀ .8:36p	6 ♀ .6:45p
8 ♂ .3:42a	8 ♂ .2:50p	7 ♂ .10:34p	8 ♀ .11:33a	8 ♀ .1:31a	9 ♀ .4:52a
10 ♀ .6:27a	10 ♀ .5:57p	10 ♀ .10:09a	10 ♀ .6:10p	10 ♀ .10:25a	11 ♀ .5:29p
12 ♂ .9:10a	12 ♀ .11:12p	12 ♀ .4:38a	13 ♀ .4:04a	12 ♀ .10:05p	14 ♀ .5:36a
14 ♀ .0:31p	15 ♀ .6:36a	14 ♀ .0:20p	15 ♀ .3:58p	15 ♀ .10:41a	16 ♀ .4:03p
16 ♀ .5:04p	17 ♀ .4:02p	17 ♀ .10:23a	18 ♀ .4:31a	17 ♀ .10:52p	19 ♀ .0:23a
18 ♀ .11:27p	20 ♀ .3:15a	19 ♀ .9:57a	20 ♀ .4:54a	20 ♀ .9:47a	21 ♂ .6:37a
21 ♀ .8:15a	22 ♀ .4:42p	21 ♀ .10:27p	23 ♀ .4:11a	22 ♀ .6:45p	23 ♀ .10:42a
23 ♀ .7:32p	25 ♀ .4:00a	24 ♀ .10:55a	25 ♀ .0:57p	25 ♂ .1:05a	25 ♂ .1:07p
26 ♀ .8:03a	27 ♀ .1:59p	26 ♀ .9:51p	27 ♂ .6:15p	27 ♀ .4:37a	27 ♀ .2:42p
28 ♀ .7:38p		29 ♀ .5:36a	29 ♀ .8:04p	29 ♂ .5:36a	29 ♀ .4:38p
31 ♀ .4:25a		31 ♂ .9:14a		31 ♀ .5:42a	
Changes	Changes	Changes	Changes	Changes	Changes
♂ 4 .8:21p	♂ 3 .9:55p	♂ 4 .9:11p	♂ 3 .6:24a	♂ 2 .2:22p	♂ 8 .3:13a
♂ 11 .6:21p	♂ 10 .2:29a	♂ 11 .11:51a	♂ 9 .11:05p	♂ 9 .0:17p	♂ 16 .6:05a
♂ 18 .8:36p	♂ 17 .1:17p	♂ 19 .6:42a	♂ 17 .11:48p	♂ 17 .3:46p	♂ 23 .1:45p
♂ 26 .9:28p	♂ 25 .5:28p	♂ 27 .10:13a	♂ 26 .10:57p	♂ 25 .7:48a	♂ 30 .6:25a
				♂ 31 10:02p	
JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1 ♀ .8:20p	2 ♀ .9:16p	1 ♀ .4:49p	1 ♀ .0:40p	2 ♀ .6:17p	2 ♂ .8:37a
4 ♀ .2:58a	5 ♀ .9:02a	4 ♀ .5:32a	4 ♀ .1:01a	5 ♂ .1:30a	4 ♀ .1:30p
6 ♀ .0:55p	7 ♀ .9:31p	6 ♀ .5:06p	6 ♀ .10:41a	7 ♀ .3:01a	6 ♂ .3:19p
9 ♀ .1:04a	10 ♀ .8:18a	9 ♀ .1:27a	8 ♂ .4:10p	9 ♂ .4:47a	8 ♀ .3:16p
11 ♀ .1:16p	12 ♀ .3:49p	11 ♂ .5:55a	10 ♀ .5:54p	11 ♀ .3:51a	10 ♀ .3:09p
13 ♀ .11:36p	14 ♂ .8:13p	13 ♀ .7:22a	12 ♂ .5:32p	13 ♀ .4:01a	12 ♀ .4:53p
16 ♀ .7:19a	16 ♀ .10:36p	15 ♂ .7:42a	14 ♀ .5:13p	15 ♀ .7:04a	14 ♀ .9:58p
18 ♂ .0:31p	19 ♂ .0:27a	17 ♀ .8:57a	16 ♀ .6:55p	17 ♀ .1:56p	17 ♀ .6:51a
20 ♀ .6:05p	21 ♀ .2:57a	19 ♀ .0:15p	18 ♀ .11:44p	20 ♀ .0:04a	19 ♀ .6:44p
22 ♂ .6:52p	23 ♀ .6:50a	21 ♀ .6:06p	21 ♀ .7:46a	22 ♀ .0:13p	22 ♀ .7:35a
24 ♀ .9:31p	25 ♀ .11:27a	24 ♀ .2:12a	23 ♀ .6:14p	25 ♀ .1:00a	24 ♀ .7:28p
27 ♀ .0:42a	27 ♀ .7:46p	26 ♀ .0:12p	26 ♀ .10:51p	27 ♀ .1:22a	27 ♀ .Noon
29 ♀ .5:10a	30 ♀ .5:12a	28 ♀ .11:52p	28 ♀ .6:58p	30 ♀ .0:17a	29 ♂ .2:06p
31 ♀ .11:52a			31 ♀ .7:35p		
Changes	Changes	Changes	Changes	Changes	Changes
♂ 7 .7:33p	♂ 6 .0:50a	♂ 5 .6:28a	♂ 4 .11:30p	♂ 3 .2:54p	♂ 3 .3:55a
♂ 15 .6:28p	♂ 14 .5:02a	♂ 12 .2:19p	♂ 11 .11:09p	♂ 10 .8:28a	♂ 9 .6:56p
♂ 22 .6:13p	♂ 20 .10:50p	♂ 19 .5:10a	♂ 18 .2:29p	♂ 17 .3:32a	♂ 16 .8:21p
♂ 28 .4:19p	♂ 28 .4:20a	♂ 26 .6:50p	♂ 26 .11:46a	♂ 25 .6:30a	♂ 25 .2:32a



**SQUASH**  
Early Prolific  
Straightneck

**CABBAGE**  
Danish Ballhead  
and Golden Acre



# THE VERY

On the following pages you will find the vegetable selections we have chosen from among the thousands of available varieties, as the finest for quality and yield for our own climatic and soil conditions.

Our nation has the finest food supply in the world, yet nutrition experts have proved that most of us are poorly nourished. As we all know our "three good square a day" often do not give us certain minerals and vitamins that we need. These necessary elements may be bought at the drug store, but they can also be home grown at far less cost. Garden fresh vegetables can provide nearly all of them in ample quantity.

Garden vegetables begin to undergo a profound change almost as soon as they're picked. In just a few short hours, inevitable natural processes alter

their flavor, their texture, their vitamin content. Anyone who has ever enjoyed sweet corn fresh from the garden knows what a tremendous difference these changes make.

Yes, nature offers rich rewards to the home gardener. So called "fresh" vegetables from the market just can't compare with the TRUE garden fresh kind.

For health, for taste, for savings, there's no substitute for garden fresh vegetables—they taste so much better and are so much better for you.

*Gardens in Bloom by Planting Time*  
with the remarkable new

**FLAT-PAK  
PLANT-  
FORCER**

Recommended by Mrs.  
K. S. Gill, Honorary  
President, Garden Club  
of Ohio

ONLY

**\$17.95**

**SIZE**  
24"  
X  
36"

ELECTRIC HEATING CABLE for the Flat-Pak above, No. M-26 (60 watt) . . . . \$2.80  
HEAT CONTROL UNIT, Thermostatic . . . . . 4.50

NOW with the Flat-Pak Plant Forcer you can have your very own hot bed and "get the jump on Ol' Man Winter." Start your early flowers and vegetables in this new scientific plant forcer while winter rages. Made of all stainless steel with adjustable "Screen-Glas" plastic top to admit all beneficial sun rays. Easily ventilated as needed. Can be assembled or disassembled without tools in 3 minutes. Lock-tite slide fit corners. The first really practical unit of it's type. Stores in a card table size package.

## THE GARDEN STORE

"Home of Friendly Garden Service"

107-109 East Third St.
DAYTON, OHIO

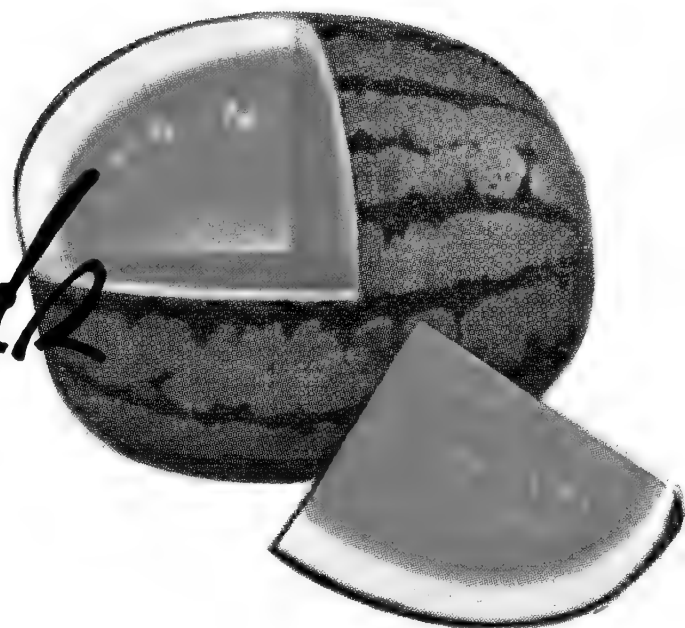


# THE GARDEN STORE'S

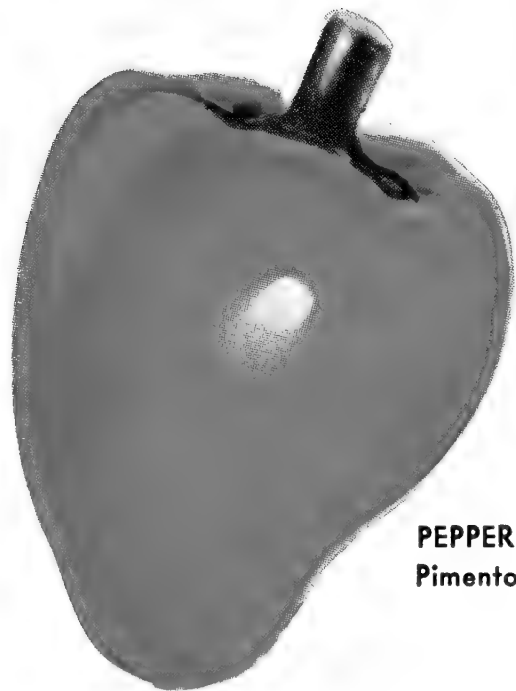
# VEGETABLE

*Seeds*

## BEST TESTED SEEDS

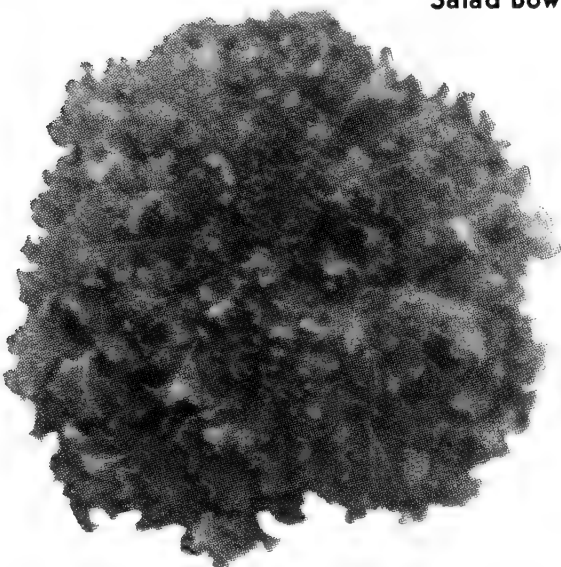


**WATERMELON**  
Dixie Queen



**PEPPER**  
Pimento

**LETTUCE**  
Salad Bowl



**MUSKMELON,**  
Golden Delight



From among all the thousands of available varieties, we have selected those which will produce the best quality and the greatest yields in the gardens of our territory. So we offer you this compact selection as a safe, sound base for your plans.

### VEGETABLES FOR FREEZING

The Symbols (fr) following the variety names indicates vegetables suitable for home freezing.

● ALL AMERICA Vegetable garden.

### ASPARAGUS

*A hardy perennial; will bear over 20-year period if properly cared for. We recommend purchase of ASPARAGUS ROOTS rather than seeds, as roots produce crop 2 years earlier. If seed is used, sow thinly in drills in early Spring. Cover to 1/2" depth. Soak seed 24 hrs. before planting. Sow in loose, rich, moist soil after weather warms up. Thin to stand 6" apart. When a year old and in early spring transplant in well enriched beds in permanent position, 24" apart, in rows 20" apart. Set in hole so that crown is 8" below surface, but only cover tips with 3" of soil. As plants grow, fill in until level. Don't cut first year after setting.*

**MARY WASHINGTON (fr)**—Thick, tall green spears with purple tops. Highly rust resistant. Rapid growing. Tender.

### BEANS

#### Green Podded, Dwarf or Bush

**BOUNTIFUL (fr)**—An early, heavy-yielding variety. The leading flat podded bean for market and home use. Flat, light-green, stringless, but slightly fibrous pods of finest quality. 47 days. 15c.

**GIANT STRINGLESS GREEN POD** — 5 3/4" pods almost round. Meaty, stringless and brittle. Medium. Green. 53 days.

**STRINGLESS GREEN POD (fr)**—Large sturdy plants. Meaty round pods, brittle and strictly stringless. Medium green pods, oval, yellowish-brown seed. 54 days.

**TENDERGREEN (fr)**—Large, erect plants. Abundant, round, dark-green pods, strictly stringless and fleshy. 54 days to maturity.

**TOPCROP**—Does well in the home garden, market garden and is excellent for commercial processing. 5 1/2 to 6 inches long. Mosaic resistant. Round, medium light green pods. 51 days. Pkt. 25c.

**WADE'S BUSH SNAP BEAN**—Resistant to common bean mosaic and powdery mildew. Deep green pod, long, round, slender with reddish brown seed. 25c.

#### Wax Podded, Dwarf or Bush

**PENCIL POD WAX (fr)**—Rich yellow, deeply curved, round pods, 5 to 6 inches long. Always stringless, tender, brittle, fleshy, without fiber and of excellent quality. 54 days. 15c.

**IMPROVED GOLDEN WAX (fr)**—Small, erect, plants, moderately productive. Straight, thick, flat pods, creamy yellow and stringless. 51 days. 20c.

### Beans, Pole

**KENTUCKY WONDER (fr)**—Strong climber, hardy, long-bearing. Curved, almost round pods, slightly stringy, but brittle and fibreless. Meaty. 65 days to maturity. 15c.

**KENTUCKY WONDER WAX (fr)**—Vigorous, good climbing plants waxy-yellow pods, flat and nearly stringless. Somewhat fibrous but meaty. 68 days. 15c.

**McCASLAN**—Dry shelled or snap, good climber. Medium green thick, flat pods. Meaty, stringless and tender. 65 days. 15c.

### ALL VEGETABLE SEEDS

**10c** Per Packet

**UNLESS OTHERWISE NOTED**

## Lima, Dwarf or Bush

**BURPEE'S IMPROVED BUSH (fr)**—Best of flat seeded bush limas. Pods contain four or five large beans of excellent quality. 75 days. 15c.

● **FORDHOOK BUSH 242 (fr)**—Straight pods large beans, excellent quality.

**HENDERSON'S BUSH (fr)**—Known as Baby Lima or Butter Bean. Plants small, early and bushy. 65 days. Very productive.

## Lima, Pole

**KING OF THE GARDEN (fr)**—Flat, smooth pods with four or five white, large, flat beans. 88 days.

## BEANS, SHELL

**WHITE NAVY**—Small seed, almost round and white. Hardy, prolific. Most popular for baking. 95 days.

**RED KIDNEY**—Pods 6-7 in long. Flat large beans, pinkish red to mahogany in color. Rich flavor. 95 days. 15c.

## BEETS

*Deep, rich sandy loam produces finest beets. As soon as ground can be worked sow in drills 18" apart and press soil firmly over seed. Each "seed" is a fruit with several true seeds. No matter how thinly beets are sown, they will need thinning. Make three sowings, one early, one three weeks later and one 60 days before fall. When tops are 3" to 6" tall pull them and use for cooked greens. Continue this until roots stand 6" apart.*

**CROSBY'S EGYPTIAN (fr)**—Widely grown for early beets. Flattened globe shaped roots with small tap root. Excellent quality, tender and sweet. 60 days to maturity.

● **DETROIT PERFECTED (fr)**—Standard of excellence in table beets. Smooth, globular roots of deep oxblood red—sweet and tender. 68 days.

**EARLY BLOOD TURNIP**—Medium early. Tops medium, somewhat coarse. Bright red. 65 to 70 days.

**EARLY WONDER**—Early variety. Semi-globular, tender, blood-red. 58 days. 15c.

## BEETS, STOCK (Mangel Wurzel)

*Sow seeds in early fall and spring in rows. Plant 2½" to 4" apart. Later thin to 10" apart.*

**MAMMOTH LONG RED**—Very popular, 30 to 50 tons per acre. Roots grow half above the ground. Light red, flesh white with rose tinge. 110 days. 15c.

## BROCCOLI

*Plant and cultivate like cabbage and cauliflower.*

**ITALIAN GREEN SPROUTING (fr)**—Plant bears a succession of sprouting heads about 5-in. long, which, if kept cut, will be replaced by others 8 to 10 weeks. 55 to 65 days.

30

## BRUSSELS SPROUTS

*Easy to grow wherever conditions are favorable for late cabbage, and requires same culture. As sprouts begin to form remove lower leaves so that all nourishment sent to lower stem will be forced into the sprouts. Do not use until after heads have matured.*

**LONG ISLAND IMPROVED**—Compact, uniform dwarf size plants. Cabbage-like sprouts 1¼" to 1½" in diameter. One of the most dependable varieties. Edible in 90 days.

## CABBAGE

*Sow seed in drills 6" apart across the bed, dropping the seed 5 to 6 to the inch. Firm soil after covering, then water thoroughly. Keep beds moist but not soaking wet. Seed germinates 3 to 8 days depending on temperature. Transplant to open ground when plants have made fourth pair of leaves. Space 12" x 24". Use plenty of good commercial fertilizer. Cultivate frequently, every 5 or 6 days until cabbages are large.*

### Yellows Resistant Varieties

**MARION MARKET**—Large, firm round heads, used for early kraut. A development from Copenhagen Market, 7-in., 4-lb. heads. 75 to 80 days. 15c.

**WISCONSIN HOLLANDER**—Late, excellent for winter storage and kraut. Similar to Hollander and Danish Ball Head. 7 to 8-in., 7 to 9-lb. heads. 100 to 110 days. 15c.

### Standard Early Varieties

**COPENHAGEN MARKET**—Excellent, early short season type. Short stems, 6½ in., 3½ to 4-lb. heads. 65 to 70 days.

**GOLDEN ACRE**—Extra early variety producing uniform well-balanced head. Weighs about 3 lbs. Excellent quality. 65 days.

### Late or Winter Varieties

● **CHIEFTAIN SAVOY**—Flattened globe-shaped. Crumpled leaves. Outstanding quality. 88 days to maturity.

● **PENN STATE BALLHEAD**—Special strain of Danish Ballhead. Heads almost globular. Excellent winter keeper. Recommended for kraut. Heavy producer. 15c.

### Red Variety

**MAMMOTH RED ROCK**—Best of the red cabbages. Hard, round. Purplish-red heads. Good keeper, 6 to 8-in., 7 to 8 lb. heads. 100 days.

## CHINESE CABBAGE

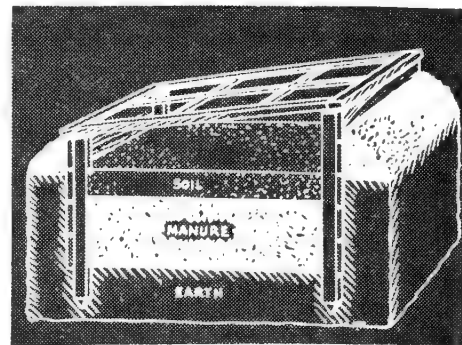
*Must never be grown as a spring crop since it will only go to seed. Plant after June 15, as days are getting shorter, then it will head. An excellent succession crop to follow early peas.*

**CHIHILI**—Dependable, early. Solid, tapered heads, 3 to 4-in. thick, 18 to 20-in. long. 75 days.

## CARROTS

**CHANTENAY, RED CORED (fr)**—Root has thick shoulder and tapers to slight stump root, 5-in. long. Red cored. 70 days to maturity.

**DANVERS HALF LONG**—Sweet, tender roots, 6 to 7-in. long tapering to a blunt point. Fine for storing. 75 days.



## Secrets of A Hot Bed

The hotbed should be located on the south side of a hedge, fence or building to break the wind, and must have at least six hours of direct sunshine during the day.

Standard hotbed sash is three feet wide and six feet long, so if sash is purchased, make hotbed of these dimensions. Frame should be sloped by making north side six to eight inches taller than south side to catch sunlight.

Dig hole six inches larger on all sides than the frame on which sash rests.

Pit should be 24" deep. Fill to top with fresh strawy horse manure and press down six inches. Set frame over manure and fill around outside and inside to level of ground. Add three inches of sifted soil inside frame. Heap leaves or straw around outside to conserve heat.

As soon as frame is in place, water well, insert thermometer in soil and cover with sash, airing daily until thermometer drops below 85 degrees. This is time to plant tomatoes and peppers. For cabbage, cauliflower, broccoli and kohlrabi, allow thermometer to go below 75°.

● **IMPROVED IMPERATOR (fr)**—Fine-grained, tender. Rich orange, indistinct core. Roots smooth, tapered to semi-blunt. 77 days.

**NANTES IMPROVED CORELESS (fr)**—Excellent for forcing. Tops small, roots bright orange, blunt ended. Flesh reddish orange and practically coreless. 70 days.

**OXHEART OR GUERANDE**—Excellent for shallow soil, easy to harvest. Chunky, tender and sweet. Bright orange. Keeps well. 72 to 75 days.

## CAULIFLOWER

*Needs rich soil and abundant watering. Cultivate same as cabbage but protect heads from sunlight to insure the prized white curd. This is done by gathering leaves together loosely as soon as heads begin forming, and tying them well at the top.*

● **EARLY SNOWBALL (fr)**—Best and most widely used early variety. Medium, firm compact heads of fine flavor. 6-7 inches in diameter. 55 days. 25c.



# PERENNIAL VEGETABLES IN THE GARDEN

Any home owner with a good sized back yard will do well to find room for at least three perennial vegetables.

**ASPARAGUS** may take up a good deal of garden room, but once established will keep on producing for twenty years.

It's best to buy dormant roots or crowns. Use 70 roots for 100 foot row. Dig a trench 12" wide and 12" deep. Put in a generous amount of manure or an all purpose plant food well mixed with the soil on the bottom of the trench. Add enough soil to bring the inside level of the trench to within 6 to 8 inches. **Keep soil moist.** As the spears begin to show, gradually add soil until you have reached the original soil level.

Don't cut for 2 seasons. The third year, cut the spears when they are 8" high and before their tips begin to unfold. Mulch in the fall and soak beds. In the spring, cultivate and add a complete fertilizer, re-apply mulch and water thoroughly.

**RHUBARB** like asparagus is a permanent plant. It must be put in a part of the garden where it won't be disturbed. Once established it should not be moved. Ten or fifteen roots will be enough for a family.



Dig a trench about a foot wide and 2½ feet deep. Use a good all around fertilizer mixed thoroughly with the subsoil. Place rhubarb roots 4 to 5 feet apart in the trench and cover with 4 inches of subsoil. Keep cultivated, both to conserve the moisture and to keep down weeds.

In the fall, mulch with strawy manure or peat moss. Don't cut the first year, but from then on cut each spring.

**ARTICHOKES**—to prepare the bed, dig in plenty of manure or all round plant food. Artichokes are heavy feeders and need large quantities of food right from the beginning. While in active growth, give them plenty of water. A good place to plant artichokes is along the edge of the lawn. They will be well watered and the atmosphere will be cool and moist.

Buy sturdy young plants (suckers) and set 6 inches deep in the ground, leaving a shallow basin around each for water. Soak the soil well and mulch lightly. Plant rows four feet apart, with plants four feet apart.



## The Cold Frame At Its Best

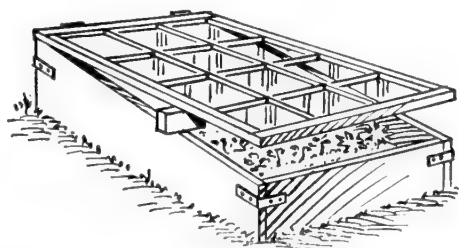
To get the full benefit from your cold frame, start it early and keep it busy every month of the year.

A cold frame is the same as a hot bed without manure or other source of artificial heat. It depends upon the sun for heat and must be covered with hot bed mats to conserve this heat at night and in coldest weather. Most important spring use for the frame is the hardening off of seedlings started indoors.

The cold frame is also used to start half-hardy and tender annuals sown three to four weeks ahead of the time they would be planted outdoors. Use your cold frame to store cuttings of herbaceous plants through the winter. It is an excellent place to establish division of clumps of alpine and perennials.

The cold frame is used for forcing early vegetables and hardy bulbs. In the fall, you can store your celery, cabbage, beets, carrots and turnips from your garden.

The bed in your cold frame should consist of a 2" layer of gravel for drainage, 1" sand, and 4"-5" of good garden loam. Sand under the soil makes transplanting easier. Always water in the early morning.



## CELERIAC

**LARGE SMOOTH PRAGUE**—(Turnip rooted celery). Smooth spherical roots, 2 to 3-in. thick, 120 days. 15c.

## CELERY

*Start in shaded hotbed 60 days before needed. Cover seeds ¼". Transplant when 6" high. In setting outdoors, don't get soil in or over crown. Set 7" to 12" apart. Soil must be rich, moist and loose. As soon as plants have grown to 14" to 15" tall, set 12" boards on both sides of row and hold in place with earth. Or 4" drain tile can be used to blanch individual stalks. Celery must have warm, settled weather. If chilled, plants are likely to go to seed. Keep soil well fertilized and moist. Crop matures in cool weather of autumn.*

**GIANT PASCAL**—Late variety for winter use. Large plant, dark green leaves. Big solid stalks that blanch to yellow white. 135 days. 15c.

**GOLDEN SELF BLANCHING, DWARF**—Compact plants, yellowish green foliage. Broad solid stalks, nutty flavor. Blanching readily. 120 days. 15c.

**WONDERFUL OR GOLDEN PLUME**—Early, medium plant with compact, full heart. Blanching easily to golden yellow. 112 to 115 days. 15c.

## COLLARDS

*Sow seed heavily and transplant when 4" high, or sow in rows in permanent beds and thin to 16" to 18" apart when plants are well started.*

**SOUTHERN OR GEORGIA**—An excellent cooked green. Long stemmed plant, with clustered leaves. Withstands heat and bad soil. 24 to 36 days.

## SWEET CORN Hybrids

We offer Hybrid Sweet Corn varieties known as the best for your garden—the finest that can be produced anywhere. We list here only a few of these choice kinds. Whatever your needs or your preference, be sure we can supply you with the kind of corn you want. Talk it over with us.

**JOANA (fr)**—Ears 7½ to 8-in., well-filled with 12 or 14 rows of deep, medium narrow, light yellow kernels. Highly resistant to drought and bacteria wilt. 87 days. 20c.

● **IOCHIEF**—A yellow hybrid sweet corn with sensational qualities. Sugar sweet and tender—stays prime longer—rich color. 20c.

**GOLDEN CROSS BANTAM (fr)**—Extremely uniform. Ears 10 to 14 rows, slightly lighter yellow than Golden Bantam. Highly resistant to Stewart's disease. 85 days. 20c.

**MARCROSS (fr)**—An early wilt-resistant hybrid, producing deep golden yellow kernels 7 days earlier than Golden Bantam. Ears 6 to 7-in. long, with 12-14 rows of large sweet kernels. 73 days. 20c.

## Open-Pollinated

**BANTAM EVERGREEN**—A cross of Golden Bantam on Stowell's Evergreen, 14 to 18 rows. Deep, rich golden kernels, tender, sweet. 90 days. 15c.

**BLACK MEXICAN**—Pure white corn with purplish-black seed. Ears are 7 to 8-in. long, 8 straight rows. 88 days. 15c.

**COUNTRY GENTLEMAN OR SHOE PEG (fr)**—Prolific late variety. Favored by canners. Irregular kernels, very deep, sweet. 93 days. 15c.

**GOLDEN BANTAM (fr)**—The best and most favorably known of all the yellow varieties. Stalks often have 2 ears. Ears 8 rowed, kernels broad, with tender hull. 15c.

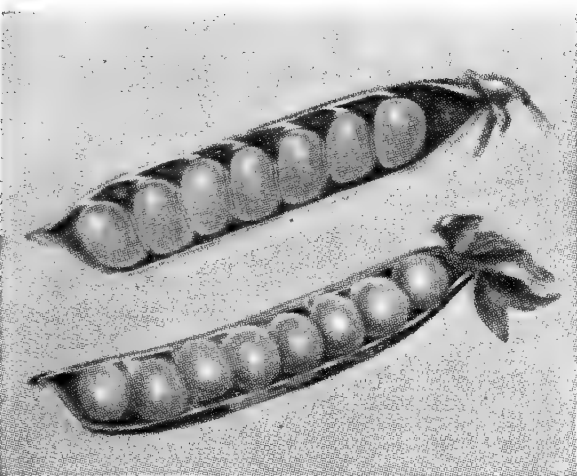
**STOWELL'S EVERGREEN**—White. Large ears about 8" long. Big kernels. Very sweet. Good late variety. 93 days. 15c.

## POP CORN

**SOUTH AMERICAN OR YELLOW DYNAMITE**—Rich, creamy, yellow, smooth and round kernels, which pop double size of others. Ears 8 to 9-in. long. Vigorous grower. 115 days. 20c.

## Hybrid Pop Corn

You will be delighted with hybrid pop corn. Yields are terrific; every plant produces corn with satisfying, big ears, with uniform popping. ASK US ABOUT HYBRIDS!



PEAS, Little Marvel, Thomas Laxton



SWEET CORN  
Golden Bantam

## CUCUMBER

Select soil fully exposed to sun and enrich thoroughly with fertilizer. Sandy soils with plenty of compost are best. Roots have difficulty on heavy soils. Plant 8 to 10 seeds in a "hill." Plant each hill about 36" apart. Cucumber vines like to stretch out, so plant rows about 4 feet apart. The old tale that melons or squash will cross pollinize with cucumbers and affect their taste if planted nearby is untrue. When vine is 6" long, thin to three strongest plants. Keep fruits picked to promote continuous fruiting. Use plenty of moisture; cucumbers are 90 per cent water.

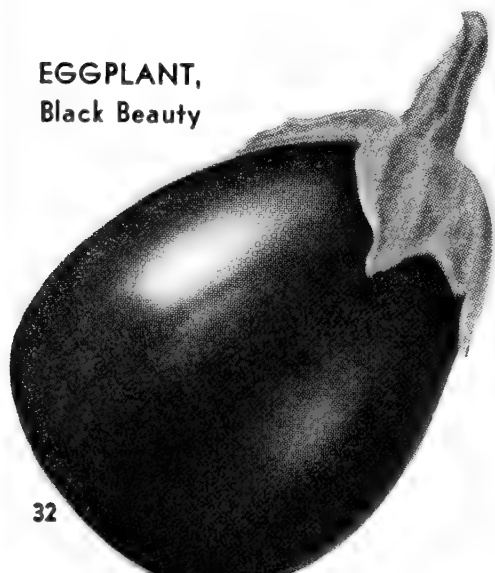
**A AND C**—A long dark green cucumber which merits a trial. Uniform, nearly cylindrical, rounded at ends.

**DAVIS PERFECT**—Midseason. 9 to 10-in. long, tapered ends, good color. 68 days to maturity.

**EARLY SURECROP HYBRID**—Fruits slender, blunt ends, 8 to 9 inches long, 2½ in. in diameter, holds its dark green color well after picking. Flesh is crisp, white and unusually delicious. Small seed cavity. Resistant to mosaic and downy mildew.

**LONG GREEN IMPROVED**—Black spined, good pickling. Grows 10 to 15 in. long. 70 days to maturity.

EGGPLANT,  
Black Beauty



● **MARKETER**—Fine new variety, very prolific. Attractive rich, dark green color, carried right down to blossom end. Crisp, icy-white flesh. 7¾-in. long 2¾, diameter.

**NATIONAL PICKLING**—Rich dark green. Straight and rather blunt at ends but not chunky. Best all-around pickler. Edible in 55 days.

**STRAIGHT EIGHT**—Unsurpassed as slicing cucumber. 2½-lb. fruits, rounded at ends, medium green, 68 days.

## EGGPLANT

*Requires continuous warm weather for best results. Seed should be started in a hot-bed, as it is slow to germinate. Set plants in open ground when 2" tall and protect from hot sun when young. Be sure to keep young plants developing rapidly. Cultivate freely. To produce large fruits, remove lateral branches so as to reduce number of fruits per plant. Spray to protect from potato bugs.*

**BLACK BEAUTY (fr)**—Large, egg-shaped, smooth, very dark purple fruits. Keeps well. Plant bears 4 to 5 fruits. Early maturing. 15c.

**NEW HAMPSHIRE HYBRID**—Developed for short season areas. Round to olive shape fruits, growing low on the bush. 15c. days. 15c.

## ENDIVE

*Strictly a cool-weather crop: gets bitter at temperatures much above 80 degrees. Even moderately warm weather causes the plants to produce seed stalks. Plant very early. For late fall, sow early in middle autumn. Use last planting as late fall salad crop, and store surplus in cold frame or cellar by digging each plant with ball of soil. Plant in shallow drills with rows spaced 18" apart. When 4 inches tall, thin out to stand 6 inches to a foot apart. To blanch gather the outer leaves together and tie with soft twine or raffia. Do this when plant is nearly grown. Strings should be untied after a rain to permit leaves to dry and avoid rotting.*

**FULL HEART OR ESCAROLE**—A strongly bunched mass of thick, slightly crumpled leaves, well blanched heart. Upright growing plant about 12 inches in diameter. 71 days.

**GREEN CURLED RUFFEC**—Plants 16 to 18-in. in diameter. Fine fall variety. White, tender, fleshy. 95 days. 15c.

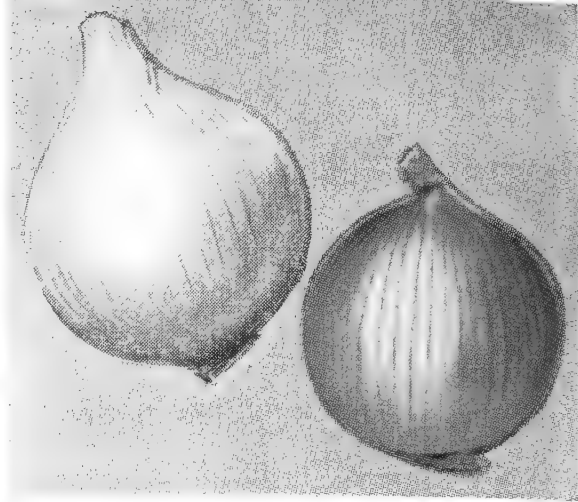
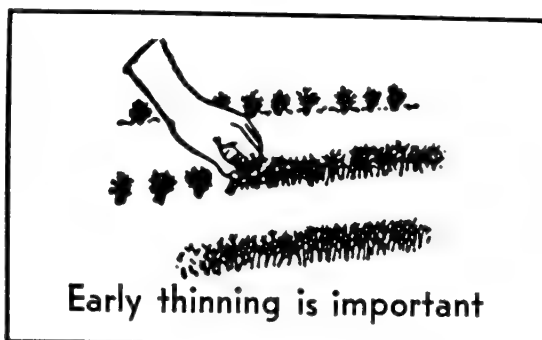
## HERBS

(AROMATIC, MEDICINAL AND KITCHEN)

**ANISE**—An annual—used for garnishing, seasoning and for cordials. Seeds have an aromatic flavor. Plants 14". 75 days. 25c.

**BASIL—SWEET**—Annual; Ht. 12" to 18". Leaves, green or dried, are chiefly used as a seasoning for soups, stews, etc. 85 days. 20c.

**BORAGE**—Annual; Ht. 12-18". Young tender leaves are used as salad and also used to flavor lemonade and other cooling drinks. 80 days. 20c.



ONIONS, Sweet Spanish (left), Globe Danvers

**CARAWAY** — Biennial; Ht. 18-24". Seeds used for flavoring. Young leaves and shoots used for flavoring salads. 70 days. 15c.

**CORIANDER** — Annual; Ht. 24-30". Seeds used for flavoring and in candy and to mask taste of medicine. 75 days. 15c.

**CHIVES**—Perennial; Ht. 6". Tops, finely chopped for adding mild onion flavor to soups, stews, salads, etc. 80 days. 20c.

**DILL**—Annual; 2' to 3'. Seeds and leaves used for flavoring—especially for dill pickles. 70 days.

**FENNEL, SWEET** — Biennial; Ht. 2' to 4'. Leaves are used for garnishing, fresh stems tender, eaten raw like celery or in salads. Seeds used for flavoring. 60 days to mature. 15c.

**MARGORAM, SWEET** — Annual; Ht. 1' to 2'. Used for seasoning either fresh or dried. 70 days. 20c.

**ROSEMARY**—Perennial used as annual; 2' to 4'. Fragrant odor and warm, pungent taste, acceptable seasoning. 20c.

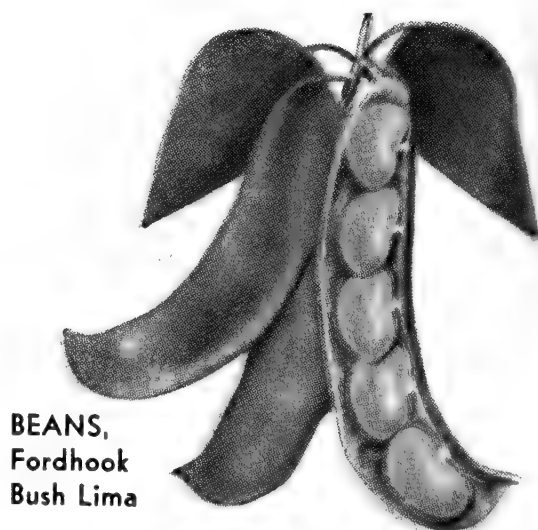
**SAGE**—Perennial; Ht. 14" to 16". Used for seasoning either fresh or dried.

**THYME** — Perennial; Ht. 8" to 12". Aromatic foliage used as seasoning. 85 days. 25c.

## KALE OR BORECOLE

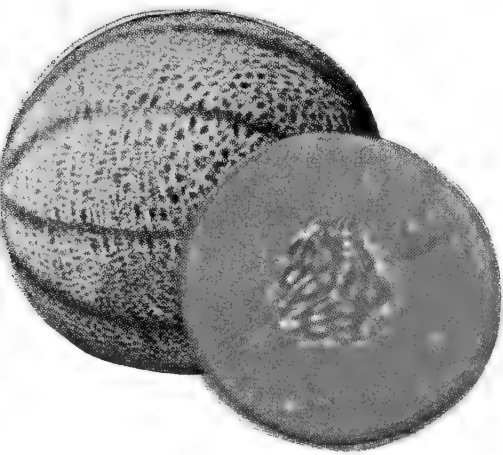
*Early fall or spring sowing. Either in rows or broadcast. To produce large plants have rows 2' apart and thin to 2'in rows. Leaves are best after coming of cool weather in fall.*

**DWARF BLUE CURLED SCOTCH** — Wide spreading, fine curled blue-green plant plume-like leaves. Used as a vegetable and for ornament. Exceptionally uniform. 55 days.

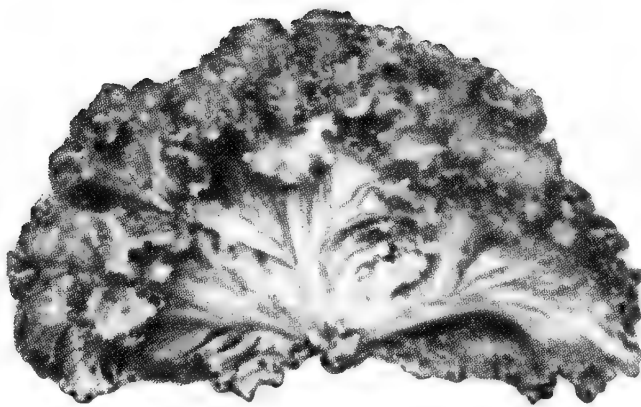


BEANS,  
Fordhook  
Bush Lima





MUSKMELON, Hale's Best



LETTUCE, Early Curled Simpson

**GRAND RAPIDS**—Erect, compact plants. Light green, broad heavily fringed. For forcing or early planting. 43 days.

**OAK LEAF**—A popular leaf lettuce for home gardens. Rich, dark green leaves, tender and delicious. Fine resistance to hot weather. Per packet—15c.

**PRIZEHEAD**—Early non-heading sort. Medium sized plants, crisp and tender. Color light brown on a medium green base. Leaves frilled at edges, and crumpled. 47 days.

● **SALAD BOWL**—Delicious bowl-full of rich green and decorative leaf lettuce. 25c.

## KOHLRABI

Sow seed in early spring or fall and when well established thin to 6" apart in the row. Even better to start it in beds and transplant same as cabbage. Planting at intervals of 10 days gives tender bulbs until hot weather. Must be used when young. Woody when old.

**WHITE VIENNA EARLY (fr)**—8 to 10-in. leaves on slender stems. Bulbs 2 to 3-in., globular light green. Crisp, tender, clear white flesh, 55 to 60 days. 15c.

## LEEK

**LARGE AMERICAN FLAG**—An early, popular variety, with thick, long white stems, leaves large and drooping, medium green. 130 days. 15c.

## LETTUCE

Keep lettuce growing rapidly for best results. A light, rich soil needed for this. Earliest varieties must be started from seed in cold-frame. As soon as open ground can be worked, transplant. For later use, sow seed in open ground as soon as weather is favorable. Thin plants in rows 4" to 8" depending on variety.

Remember that lettuce is a fast-growing, rich feeding crop. Give it plenty of water. And use your compost or well-rooted manure liberally on the lettuce row. A light sprinkling of nitrate of soda will pay, too, because lettuce thrives on lots of nitrogen.

## Heading or Cabbage

**BIBB**—Early, small headed lettuce of excellent quality and flavor. Perfect for home

gardens. Very smooth, dark green leaves, bleaching to yellow. 15c.

**BIG BOSTON OR MAMMOTH BOSTON** — Popular for cold frame forcing and outside culture. Medium, compact, heads with creamy yellow heart. Smooth, glossy leaves, edges wavy, and slightly tinged with reddish brown. 75 days. 15c.

● **GREAT LAKES**—An outstanding Iceberg or Crisp-head type. A summer lettuce that stands heat well and is very resistant to tip burn. Heads medium, solid. 15c.

**ICEBERG**—Late, large variety. Compact heads, crumpled, crisp and sweet. Leaves light green, slightly brown on edges. 85 days.

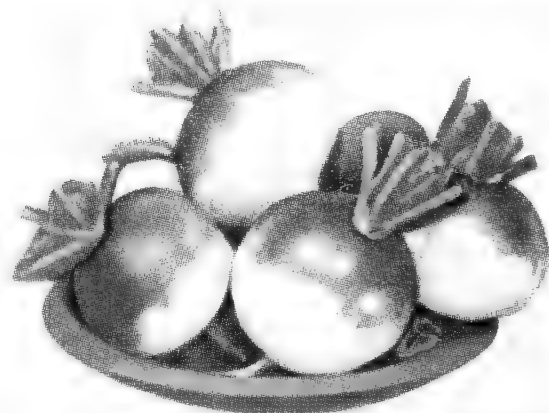
**IMPERIAL NO. 847 (FLORIDA ICEBERG)**—Heads are of good size and solid. Does well in hot weather, and resistant to tip burn. Hardy. 83 days. 15c.

**NEW YORK NO. 12**—The standard crisp-head lettuce. Large globular shaped head, dark green with blanching, silvery white heart. Successfully grown outdoors spring, summer and fall. Edible in 85 days. 15c.

**WHITE PARIS COS OR TRIANON**—Medium large self-folding dark green leaf shaped heads. Greenish-white, well blanching interior. 66 days.

## Loose Leaf Varieties

**BLACK SEEDED SIMPSON** — Light green, frilled and crumpled. 45 days.



TURNIP, Purple Top White Globe

## MELONS

### MUSKMELON AND CANTALOUPE

Easily injured by cool weather. Before planting, spade liberal forkful of well rotted manure into each hill. Plant 8 to 10 seeds to a hill. Thin plants to four per hill after third leaf develops, and train vines in different directions. On moist ground, use shingles to hold melons off ground to prevent rotting. If grown in cool weather or where nights are cold, will not bear well and melons will have poor flavor.

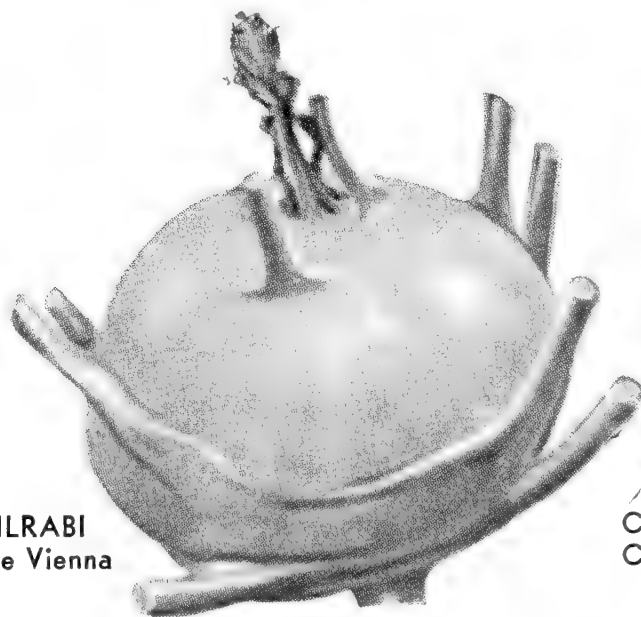
**BENDER'S SURPRISE**—Coarse netted 7-lb., oblong fruit, distinctly ribbed hard greenish-yellow skin. Flesh bright salmon. 95 days to maturity. 15c.

**GOLDEN DELIGHT** — Delicious orange or salmon flesh. Fruits elongated and firmer than most of its class. 15c.

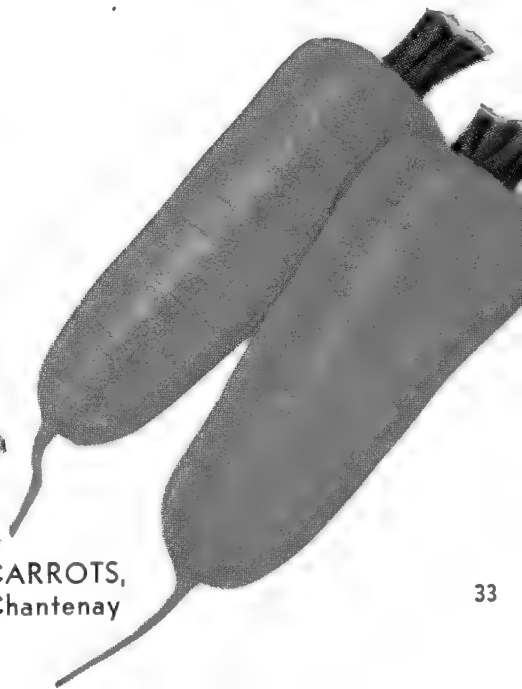
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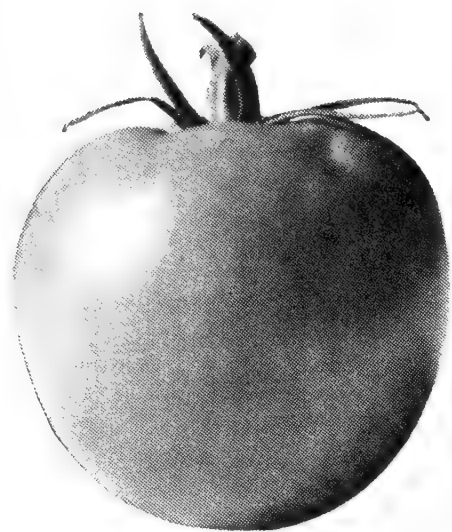
BEETS, Detroit Dark Red



KOHLRABI  
White Vienna



CARROTS,  
Chantenay



TOMATO, Rutgers

## Tomatoes

Tomatoes are one of the most important vegetable crops and should be grown in all vegetable gardens regardless of size.

There are just a few pointers to remember to have a good crop.

Set out plants a week after the average date of the last killing frost. However, if Hotkaps or similar protection is provided, they may be set out a little earlier. Don't set plants during cold, wet weather.

Don't plant too close together, and be sure to plant them deeply.

Use the proper fertilizer to produce maximum yields.

Mulching your tomatoes conserves soil moisture and does much to prevent blossom end rot.

Although unstaked tomatoes produce more fruit, it's probably best for the home gardener to conserve space by staking. When staked, be sure and keep all the side branches pinched off and limit to one or two stems. Tie each plant to a 6 foot stake and set plant 2½ feet apart each way.

## MELONS, continued

**HALE'S BEST**—Flesh thick, deep salmon-pink, sweet and tasty. Heavily netted rind, with faint stripe. Small seed cavity. Outstanding variety, resistant to powdery mildew, 4 lbs, 86 days, 15c.

**HEARTS OF GOLD OR IMPROVED HOODOO**—Nearly round 2-lb. fruit, distinctly ribbed, deep green with fine grey netting. Thick, salmon flesh, tender sweet, 94 days, 15c.

● **HONEY ROCK OR SUGAR ROCK**—Round, 4-lb. fruit. Gray-green skin, coarse, sparse netting. Orange-salmon, thick flesh, fine flavor. 85 days, 15c.

**PRIDE OF WISCONSIN**—Small seed cavity and thick, orange flesh, excellent flavor. Matures early. Large size. A new melon which is deservedly becoming a leader. 92 days, 15c.

**ROCKY FORD** — Fruits small with rather large red cavities. Nearly round, 2½ lbs. No ribs. Flesh thick and green with golden tinge at center. Very juicy and spicy. Excellent quality. 92 days to maturity.

## WATERMELON

*Requires about same culture as muskmelon, except the vines need more room. Fertilizer each hill liberally and cultivate thoroughly.*

● **CONGO** — Oblong, blocky dark green fruits faintly striped lighter. Especially adapted to the South. Resistant to Anthracnose. 90 days.

**DIXIE QUEEN**—Very prolific. Bright-red, crisp, splendid quality fibreglass flesh.

**KLECKLEY'S SWEET OR WONDERMELON**—Large, cylindrical, dark bluish-green, with thin, tender rind. Bright red, juicy, sweet flesh, creamy-white seeds with traces of brown, 85 days.

● **NEW HAMPSHIRE MIDGET**—Icebox size, very good flavored strawberry red flesh. The best midget so far produced and recommended where standard or large sized watermelons do not mature satisfactorily. 78 days, 15c.

**STONE MOUNTAIN**—Also called Dixie Belle. High quality shipping variety. Fruits very large, oval-round, blunt ends. Dark green, tough rind. Flesh rich, scarlet, fine grained, sweet. Seed white with black tips. 90 days.

**TOM WATSON**—Red heart strain. Large fruit, uniform cylindrical.

## MUSTARD

*Sow as early as possible in the spring. Keep rows 6" to 12" apart and cover with soil ½" deep. You may also sow seed in autumn to raise greens.*



RADISH, French Breakfast

**FORDHOOK FANCY**—Upright growing, mild variety. Bright green leaves, plume-like and deeply fringed on the edges. 50 days, 15c.

● **SOUTHERN GIANT CURLED** — Large, frilled and crumpled. Light green leaves. 35 days to maturity.

**TENDERGREEN**—Wholesome, quick growing green, combining mustard and spinach flavors. 28 days.

## OKRA OR GUMBO

*Sow in rows about 3" apart. Cover seeds with about 1" of fine soil firmly pressed down. Thin plants 18" to 24" apart when they reach 3" growth. Do not plant until ground is warm, as this is a tender, hot weather plant. Pick before woody fibres develop.*

● **CLEMSON SPINELESS** — Pods are rich green, straight, uniform ridged and of best quality. 56 days.

**DWARF GREEN** — Early, prolific dwarf growing sort. Dark green fluted, 5 to 7-in. pointed pods. Most desirable, compact growing okra. 50 days.

**PERKIN'S MAMMOTH LONG POD**—Early and prolific. Very tender, long pods. Deep green and slightly corrugated. 68 days.



## Bush, Pole and Lima Beans

Beans are the most adaptable crop we have. You can always squeeze in a crop if you have sixty days of growing weather before frost. The plants can be kept producing over a long period if you pick them clean.

### BUSH BEANS

Don't plant until the weather is warm and settled. Sow beans in bottom of furrow 3 to 4 inches deep and from 2½ to 3½ feet between rows, 2 to 3 inches apart in rows. Plant a 10 to 20 foot row every two weeks until August 10. Keep cultivated until plants blossom.

**DO NOT CULTIVATE** when blossoms are in prime or when plants are wet with dew.

### POLE BEANS

In warm ground set poles 4 to 8 feet long slanting a bit to the north in rows 4 feet apart.

Anchor well as heavy bean vines blow over easily.

Plant 5 to 8 beans about 1 inch deep around each pole. When growth is sufficient, thin to four plants.

Sometimes three poles set to form a tepee are used and several beans planted around each tepee.

### LIMA BEANS

Plant in warm, dry ground. Make rows 2' apart and drop beans 3 inches apart in row. Plant lima beans with the eye down to assist quick germination.



## ONIONS

Plant as soon as soil can be prepared. For best yield, plant on very fertile land—fall plowed, and thoroughly fertilized. When plants are a few inches tall, thin to prevent crowding—using the plants removed as green onions. Leave 4" apart for globe-types and 6" for the big Spanish types to mature for dry onions. Latter can also be started indoors for largest bulbs and can be set out 6" apart after frost danger has passed. All onions need liberal feeding and watering. Those left to become fully ripe can be stored for winter. Cultivate and hand weed every two weeks in summer.

### Yellow Varieties

● **YELLOW SWEET SPANISH**—Large, globe-shaped, exceptionally mild and sweet—excellent for eating raw or boiled. Light yellow skin and pure white, firm, crisp, and tasty flesh. 112 days. 15c.

**YELLOW GLOBE EARLY**—An oval shaped straw-colored onion. White flesh, crisp and mild. Splendid keeper. Matures in 110 days. 15c.

### White Varieties

**SOUTHPORT WHITE GLOBE**—Best of the whites, Medium-sized, round, solid white bulbs, fine thin skin. Waxy white flesh, mild and fine grained. Keeps well in fall. 110 to 112 days. 15c.

**WHITE BUNCHING**—A good Spring appetizer. Crisp and mild. Fine for cooking when grown larger. 60 days. 15c.

**WHITE PORTUGAL OR SILVERSKIN**—Excellent flat variety. Dependable cropper, excellent for sets, for green bunching, or as a pickler. 100 to 102 days. 15c.

### Red Varieties

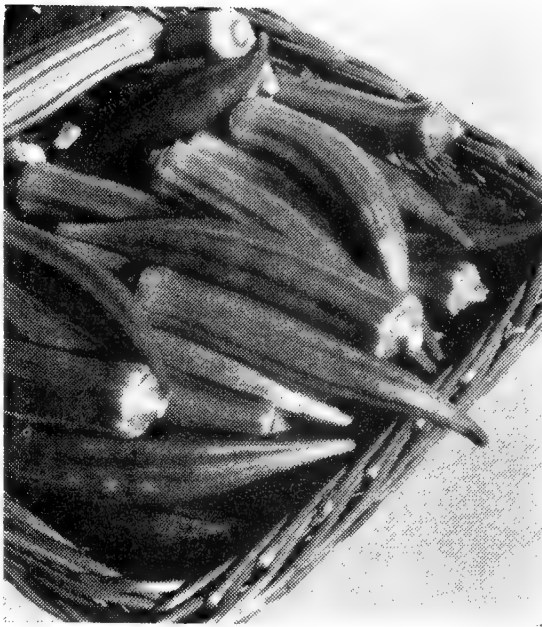
**SOUTHPORT RED GLOBE**—Finest of all red onions. Perfectly round, good sized bulbs with thick, small necks. Skin is deep purplish-red. Strong flavored flesh, white tinged with pink. Good keeper, productive. 112-114 days to maturity. 15c.

## ONION PLANTS

Sturdy, hardy plants that come to you all ready to set out. Ask for prices.

### ONION SETS

Onion sets used instead of seeds will produce earlier crops of green onions or large bulbs. Plant set right side up and cover with garden rake; then firm the soil well over the sets.



OKRA, Perkins Mammoth

## PARSLEY

*Does best in rich, mellow loam. Seed is slow to germinate, and is helped by soaking in warm water overnight before planting. Sow early and not too deeply. Space plants 6" apart. When curled varieties are about 3" tall, cut off leaves. The new growth will be brighter and curlier.*

**MOSS CURLED OR TRIPLE CURLED**—Compact, dark green leaves, curled and fine-cut. 70 days.

● **PARAMOUNT**—The best looking, finest and most uniformly curled. Dark green leaves, tall strong stems. 15c.

## PARSNIP

*Needs rich, mellow soil for best growth. Must be planted as early as ground can be worked. Soil must be loose to a depth of 12" and cannot be heavy. Rows should be 15" to 18" apart. Cover seed 1/2" and press down soil. Thin out to 4" when plants have made a good start. Cold weather turns starches into sugar and improves flavor. Roots are hardy: leave in ground over winter if desired.*

**HOLLOW CROWN (fr)**—The most generally grown kind. Roots 2 1/2 to 3-in. thick at shoulder. 12 to 14-in. long, uniformly tapered, hollow crowned. Edible in 95 days.

## PEAS

Early peas need a light, warm soil; but general crop thrives best in moderately heavy soil. (Avoid fresh manure and very rich or wet, mucky soil as this produces large growth of vine at the cost of quality of the peas.) Plant seed in rows at 2" depth. Keep rows 21" to 28" apart for dwarf varieties and 28" to 42" for the taller types. Gather crop as fast as it is fit to use or new pods will cease to form and those partly advanced will cease growth.

Plant variety Alaska as soon as ground can be dug. Plant wrinkled varieties (which have better flavor) when narcissus buds show color or when crocuses are in bloom. Peas are not satisfactory when weather turns hot. Tall varieties must be staked. Most home gardeners prefer dwarf varieties like Little Marvel. Peas want well-limed soil. Don't forget, inoculation improves production.

### Early and Second Variety

**ALASKA**—Wilt resistant. Used for canning and early home garden. Blunt, straight light-green. 3-in. pods. Plants 32-in. 69 days. 20c.

● **FREEZONIAN (fr)**—Luscious, melting peas that retain their garden fresh sweet flavor after freezing. 3 1/2 inch pods packed with 8 or 9 medium sized peas. 63 days. 15c.

**LAXTON'S PROGRESS (fr)**—Medium dark green vine, 16 to 18-in. Single pods almost an inch wide and 4 1/2 to 5-in. long, with 7 to 9 large peas. 62 days. 15c.

**LITTLE MARVEL (fr)**—Outstanding, dwarf. Fine quality, large yield. Single and double, dark green, 3-in. pods—blunt, plump, well filled with 7 to 8 medium sized, light green tender peas. Edible in 62 days. 15c.

**THOMAS LAXTON (fr)** — Medium height. Strong vine bears numerous dark green, blunt ended pods, 4 to 4 1/2-in. Retains flavor and sweetness. One of earliest. 57 days.

### Later Varieties

**ALDERMAN OR DARK-PODDED TELEPHONE (fr)**—Large podded variety of the Telephone family. Excellent for home gardens, truckers, shipping to distant markets and for freezing; resistant to Fusarium wilt. Vine dark green, coarse. Pods single, very broad, plump, straight, dark green, pointed; contains 8 to 10 peas of highest quality. Seed large, wrinkled, light green. 74 days. 20c.

## Beets, Carrots and Turnips

Beets are easy to grow and they are uninjured by light frosts. Sow seeds 1/2 inch deep at two-week intervals from early spring until early August. Thin to 3 inches between seedlings. Try cooking the seedlings like Spinach for a different taste treat.

**Carrots**—sow the seed thickly as early as the ground can be worked in drills about 1/2 to 3/4 inches deep in rows 1 to 2 feet apart. Thin to 2 1/2 inches apart. The finger size thinnings are delicious for eating fresh.

**Turnips**—sow as soon as the ground is ready in the spring 1/2 inch deep. Thin to 3 inches from plant to plant. Sow again for winter use in late summer.

Hot weather and slow growing cause turnips to become woody and bitter. Water regularly during the dry weather.

Heavy clay soil, because of the density, resists the downward growth of long, slender rooted vegetables. Sand added to heavy soil will assist in relieving the density but it must be accompanied by peat moss, Terra Lite or one of the new soil conditioners.

## Lettuce, Chard and Cabbage

The fact that leaf lettuce will tolerate summer heat makes it the big lettuce crop for the home gardener. If the leaves are cut instead of pulled, leaving a one inch stump, the plant will produce another crop, taking it well into the summer. A 25 foot row will produce all that a family of four can eat.

**Head lettuce** must be started in the hot bed and transplanted when the plants have made 2 or 3 true leaves. Cool moist weather is best for growing head lettuce and watering is necessary.

**Chard** is a delectable vegetable which in most cases must be grown at home, for you seldom see it on the market. Sow early in the spring and thin to 9 inches apart. Chard is among the most healthful of vegetables as it is high in Vitamins A and G and in all minerals, especially iron.

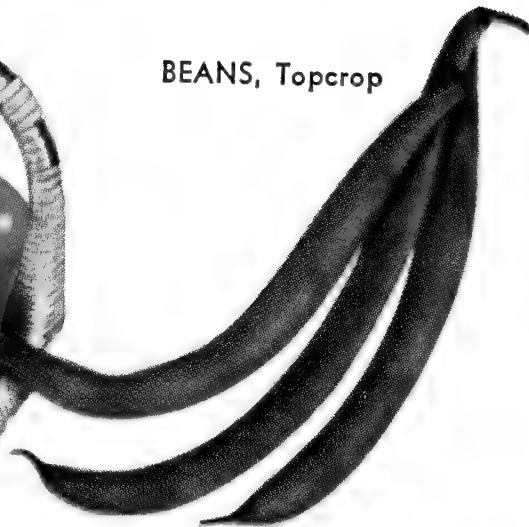
**Cabbage** has often been called our No. 1 green because of its durability and fine eating qualities.

For early cabbage, sow in hot beds and transplant when 3 to 4 inches high. Late cabbage is started in flats or boxes outdoors, then transplanted to the garden. Be sure and cultivate frequently to keep down weeds and conserve soil moisture.

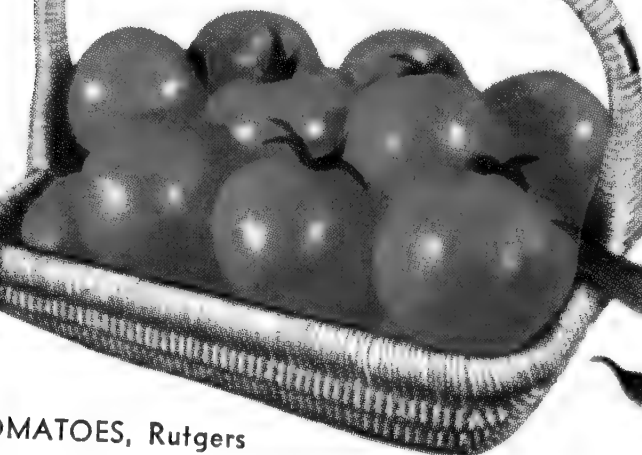
SQUASH, Uconn



BEANS, Topcrop



TOMATOES, Rutgers



**HUNDREDFOLD OR LAXTONIAN**—Exceptionally choice and prolific. Dark green. Rather coarse vines. Straight pointed, well-filled 2½" pods. 62 days.

### Edible Podded or Sugar

**MAMMOTH MELTING SUGAR**—Wilt resistant. Coarse light-green vine, 54-in. Single 4½-in. pods, broad, indented light, blunt, stringless, without fiber, fleshy. Contains 7 peas. Seed large, round, creamy-white. 74 days. 15c.

### PEPPERS

*Need long growing season: start indoors 8 weeks before plants are wanted. Set plants 15" x 24" and feed liberally for bigger fruits.*

*Warm, mellow soil in sheltered location is best. Cultivate regularly, drawing soil up around stems. When plants are 7" to 8" tall, hoe in light dressing of commercial fertilizer. Do not plant hot peppers near sweet; they are apt to cross.*

### Sweet

**CALIFORNIA WONDER IMPROVED**—Number one quality peppers, about 4-in. long and 3½-in. diameter, very smooth, 3 and 4 lobed, glossy green, turning bright crimson when ripe. Remarkable thick walls, tender, sweet. 75 days to maturity. 15c.

**PIMENTO OR PERFECTION**—Best of the medium sized sweet peppers. Excellent for stuffing. Smooth, heart-shaped, about 3-in. long. 125 days. 15c.

**RUBY KING**—Bred for size and uniformity. Dark green turning to bright deep red fruit. Thick flesh sweet and mild. 60 days. 15c.

**ALL PRICES  
IN THIS CATALOG  
ARE SUBJECT TO CHANGE  
WITHOUT NOTICE**

**SWEET BANANA**—The pointed fruits measure 6½ to 7 in. long by 1½ in. thick, with a banana yellow color turning to a brilliant red at maturity. The flavor is sweet and appealing, and the flesh is thick for a pepper of this type. Heavy yielder; 20 to 24 in. tall. Pkt. 15c.

**WORLD BEATER**—One of the best large peppers. Glossy-green, changes to bright red. Mild, very sweet, thick flesh. 75 days.

### Hot

**HUNGARIAN WAX**—Slender, waxy yellow fruit about 6-in. long turns red when ripe. Very hot. 65 days. 15c.

**LONG RED CAYENNE**—The hot favorite. For canning, pickling, drying. Pungent flavored fruit, tapering and twisted. Matures in 70 days. 15c.

### PUMPKIN

*Plant in middle of spring among corn; or in hills 8' apart each way. Drop 4 seeds to a hill. If planted in hills, cultivate the same as melons and cucumbers. For winter use gather before frost (leave stem 3" to 4" long) and store in warm, dry place.*

**CONNECTICUT FIELD**—Large fruit with flat ends, 15 to 25-lbs. and up to 15-in. Surface, slightly ribbed, deep orange. Thick flesh, orange-yellow, sweet and coarse. 118 days.

**KING OF THE MAMMOTH**—Largest of all pumpkins. Valuable for stock feeding and exhibition. Globular, slightly ribbed, flattened, weigh 60 to 90-lb. Flesh solid, yellow-orange, coarse, but good quality. 120 days.

**SMALL SUGAR OR NEW ENGLAND PIE**—Desirable for pie or general use. Round, flat end fruit, deep orange. Thick, yellow-orange flesh. 118 days.

### RADISH

*Soil should be light, quick and rich to insure rapid growth. Slow growth makes the flavor too strong. Sow as early as ground can be worked, as radishes are very hardy. Make successive sowings up to hot weather. When in the third leaf, thin to give roots plenty of room. Pull promptly when mature. The secret of crisp, delicious radishes is quick growth, prompt picking.*

● **CHERRY BELLE**—A popular short-topped typed for both forcing and outdoor garden use. Round, smooth and red, with crisp firm while flesh. Extra early. 22 days.

**COMET** — Round, bright scarlet skin and tender white flesh which remains crisp for a long time. Ideal of home and market gardens. 15c.

**CRIMSON GIANT**—Large round, 1 to 1½-in. Deep crimson roots. Very crisp and tender for its size. 28 days.

**EARLY SCARLET TURNIP, WHITE TIPPED**—Carmine red with white tip. Flesh white, crisp and mild. 26 days.

**FRENCH BREAKFAST**—Roots thicker toward bottom. 1½-in. long by ½ to ¾-in. Dull scarlet, white tipped. 25 days to maturity.

**WHITE ICICLE**—Tapering roots 5 to 5½-in. White, mild flesh. 27 days.

### Fall and Winter Varieties

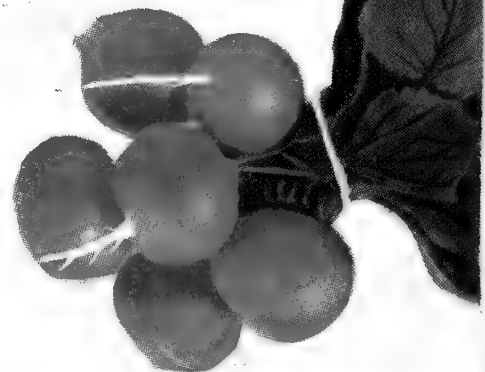
**CELESTIAL OR CHINESE WHITE WINTER**—White flesh, rather mild in flavor. Roots large, 8" long and 2½ to 3 inches in diameter, cylindrical with heavy shoulder. 60 days.

**LONG BLACK SPANISH**—Good keeping winter variety. White, crisp and pungent. 8 to 9-in. long, slightly tapered. Edible in 58 days.

OKRA  
Perkins Mammoth



RADISH  
Early Scarlet Globe

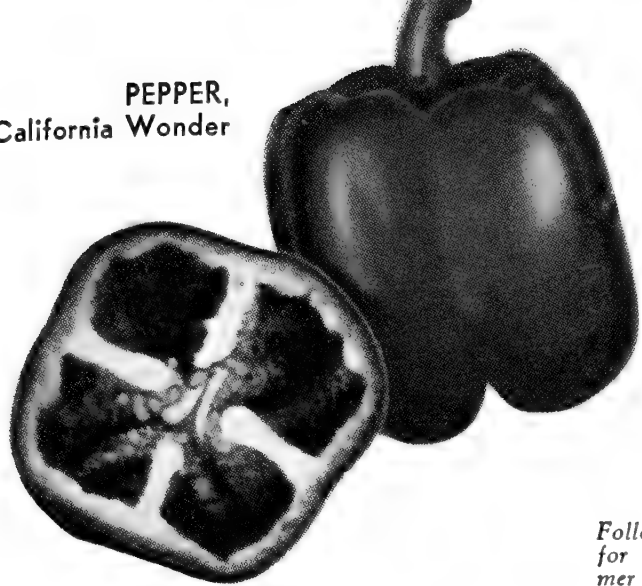


SQUASH  
White Bush Scallop





PEPPER,  
California Wonder



CUCUMBER,  
Long Green

## SQUASH

*Follow same planting and culture as for melons and cucumbers. Plant summer varieties 6 or 8 seeds in hill 3' to 4' apart each way and winter squash 8' apart. Plants bear longer if squash is picked off as soon as it is ready for use.*

### Summer Varieties

**CRYSTAL BELL**—Fruits deep bell-shaped. 7 in. across and 5 to 6 in. deep when matured. Deep scallop round the lip of the bell. An improved Early White Bush. 25c.

● **EARLY PROLIFIC STRAIGHTNECK (fr)**—Earlier, smaller, and more productive than Giant Summer Straightneck, and more uniform. Brilliant yellow. Fine for home or market. 50 days.

**EARLY WHITE BUSH SCALLOP**—Pale green fruits changing to creamy white. Milk-white delicious flesh. Used for stewing or boiling.

**GIANT SUMMER CROOKNECK** — Prolific bush type plant, curved neck fruits around 4 to 5-lb., 20 to 24-in. long. 4 to 5-in. diameter. 56 days.

**MAMMOTH WHITE BUSH SCALLOP**—3½" long, 9" in diameter. Retain their white color at later stages. 56 days to maturity.

**ZUCCHINI**—Straight, cylindrical fruits, 3 to 4-lb., 3 to 5-in. through 10 to 14-in. long. Mottled and striped green-creamy-gray. Delicate flavored flesh. 60 days.

### Fall and Winter Varieties

**BANANA**—Cylindrical and pointed at blossom end. Thin, gray rind. Thick flesh, fine grained, yellowish orange and of sweet flavor. 105 days.

**BUTTERNUT**—Dry sweet yellow flesh of superb texture and excellent flavor. Has only a small seed cavity. Is tasty baked or boiled. Easily grown and a good keeper.

**BLUE HUBBARD**—Blue-gray, slightly ridged fruits. Shell is rough and very hard. Keeping quality excellent. Flesh bright yellow-orange, fine grained, dry and sweet. Desirable for freezing.

**GOLDEN HUBBARD**—An early, small variety. Fruits pointed at each end moderately warted. Dry, deep orange flesh.

**TABLE QUEEN OR DES MOINES OR ACORN (fr)**—Acorn-shaped, green, deeply furrowed flesh rich yellow, dry, mealy, delicious. Convenient size for baking and serving in halves. 100 days.

**UNCONN**—A highly productive squash of the "Table Queen" or "Des Moines" type. Bushy plants that do not have the rambling characteristics of most squashes. An excellent keeper. Dark green shell with golden flesh. About 5" in diameter.

## SWISS CHARD (SEE BEETS, LEAF)

### TOMATOES

**BEEFSTEAK**—Rich scarlet-red, extra large fruits, more or less ribbed. Juicy, solid, with rich sub-acid flavor. One of the best for home use. 90 days.

**BONNY BEST** — One of the most popular second-early tomatoes. Fruits smooth, solid, bright scarlet red, borne in cluster of 3 to 5 medium size. 15c.

**BURPEE'S BIG BOY**—Large hybrid tomatoes. Perfectly smooth, deep globe in shape and very firm, scarlet-red skin thick walls, with fine flavor and excellent quality, many weigh 1 pound. 50c.

**EARLIANA** — Open, spreading, medium small vines. Red fruits run to medium size. Thick; smooth fruit. 66 days.

**FIRESTEEL**—Scarlet red. Medium size, almost globular, smooth small core. Very fleshy and firm. Practically no cracking.

**JUBILEE**—Orange colored fruit. Juicy with few seeds. Weighs about 6 oz. Bears over a long season. 72 days.

**MARGLOBE**—Moderately productive, with heavy foliage. Vigorous and resistant to wilt and rust. Fruits medium large, nearly round, smooth, and solid. Deep red. 77 days.

**OXHEART**—One of the largest pink tomatoes, often weight 1 lb. Interior is solid with thick, firm walls and small cavities with few seeds. Noted for its appealing flavor.

● **PRITCHARD'S SCARLET TOPPER**—Medium to large round, with thick, firm flesh and small seed cavities. Brilliant red throughout, coloring right to top, without hard green spots. Free from acidity, one of the best home canners. Early.

**RUTGERS**—Second early variety. Large thick stems, vigorous foliage. Fruits similar to Marglobe but flatter at stem end. Bright red, with thick walls. Red, firm flesh, low acidity. 72 days.

**STOKESDALE**—An extremely important development. Smooth 7-oz. fruit, brilliant color, exceedingly solid flesh and small seed cavities. Matures in the second-early group, a full week earlier than Marglobe.

**STONE IMPROVED**—Medium late. Ripens evenly and is uniform. Fruits large, flattened but deep. Smooth, attractive, scarlet-red, of fine flavor. 86 days to maturity.

**VALIANT**—Large-fruited early tomato, Vigorous, medium size plant. 15c.

### Small Fruited

Red and yellow varieties, shaped like miniature pears, plums, and cherries; very attractive for preserves.

### TURNIP

**GOLDEN BALL OR ORANGE JELLY** — Medium size, deep yellow with bronze-green top. Creamy yellow flesh of fine texture. 65 days.

**PURPLE TOP WHITE GLOBE (fr)**—Large, sweet tops. Smooth, globe-shaped roots, purple-red above, white below. Sweet tender, crisp, white flesh. 50 to 60 days.

**PURPLE-TOP STRAP LEAF**—Home and market garden variety. Deep purplish-red on top, white below. Flesh white and never stringy.

### Rutabaga or Swede Turnip

**AMERICAN PURPLETOP**—Hardy and productive. Tender firm, light yellow, sweet flesh. 88 days.

**ROUND BLACK SPANISH**—Top-shaped. 3" to 4". Flesh white, crisp and of strong flavor. 56 days.

### RUTABAGA (SEE TURNIP)

### SALSIFY

*Light, rich soil best and it must be stirred to a considerable depth. Sow in rows 18" apart. Cover seeds firmly with ½" of fine soil and thin plants later to 2" to 3" apart in the row. Cultivate the same as carrots.*

**MAMMOTH SANDWICH ISLAND**—A palatable and nutritious vegetable when cooked. Flavor is remarkably similar to oysters. 120 days.

### SPINACH

*Plant seed in very rich soil in rows spaced 14" to 18" apart. Keep plants thinned out from 3" to 6" apart in the row. (Seed may also be sown broadcast) Sown in fall for winter use and spring for early use.*

● **AMERICA**—The best long-standing, heat-resisting, heavy-yielding, savoy-leaved spinach. 6 to 8 inches high and spreads 10 to 12 inches. 62 days.

**BLOOMSDALE SAVOY, LONG STANDING (fr)**—A few days later than regular Bloomsdale Savoy. Holds from 12 to 14 days longer. 42 days.

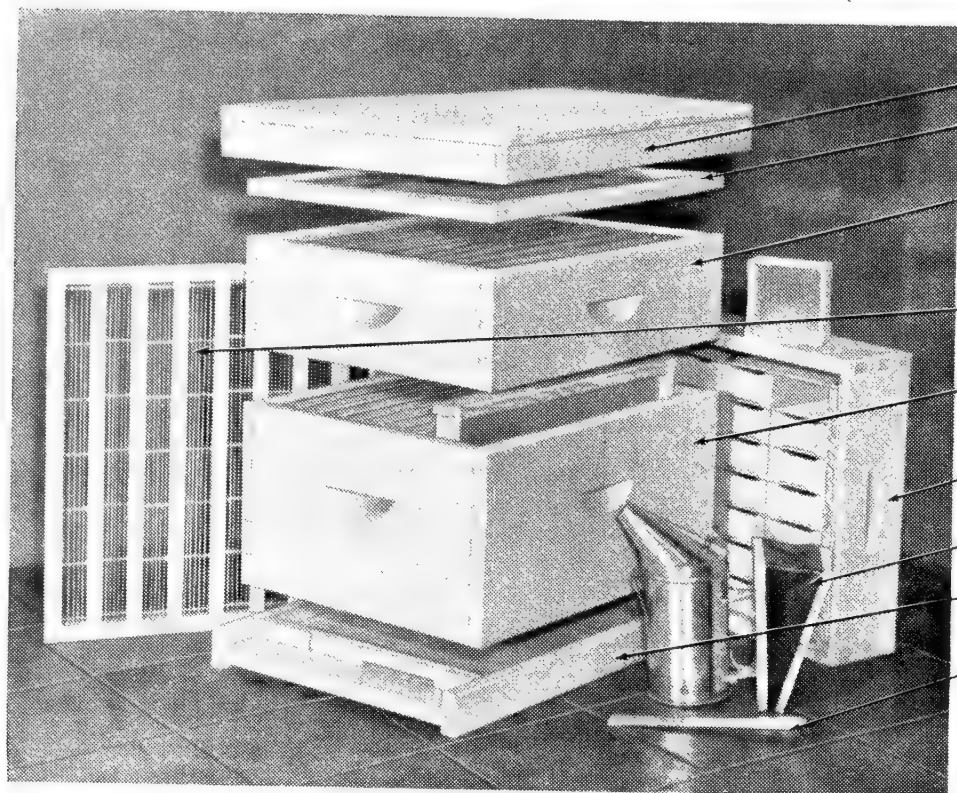
**GIANT NOBEL OR GIANT THICK LEAF**—Large, vigorous, spreading plant, slow to form seed stalks. Heavy yielder. Large, thick smooth, deep green leaves. 45 days.

**NEW ZEALAND**—Thrives in dry hot weather. Can be picked repeatedly all season. Not a true spinach, but similar when cooked. 70 days.

### PEPPER—Sweet Banana



# BEES . . . FOR PLEASURE AND PROFIT



## Modern ROOT beehive with tools for handling bees

THE GARDEN STORE is headquarters in the Dayton trading area for the famous A. I. Root Co. quality bee supplies. Whether as a hobbyist or a commercial apiarist, we invite you to make The Garden Store your source of supply for all beekeeping needs. We maintain complete stocks at all times of all important items and our prices are competitive. You'll save money and get friendly service and advice too at The Garden Store.

**The New**

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**POWER SCYTHE**

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WEEDS, GRASS, REEDS

**4 TIMES FASTER THAN ORDINARY METHODS**

**NEW POWER • NEW ENGINEERING •**

Now equipped with double power, double fuel capacity. Trims weeds on rocky or uneven ground. Cuts grass or weeds close to buildings. Clips reeds or underwater growth. Cuts with ease wherever a man can walk, wade, or row a boat. Equipped with 2 h. p. motor, 1-qt. capacity gas tank, 20-inch oscillating cutter bar. Weighs only 26 lbs.

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# Sawette

America's most revolutionary chain saw cuts trees, or any growth up to 6" in diameter, level with terrain while operator is in upright position. Speedy, efficient, rugged, the Sawette is the answer to heavy growth clearing problems.

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**HOFFCO INC.**  
RICHMOND, INDIANA

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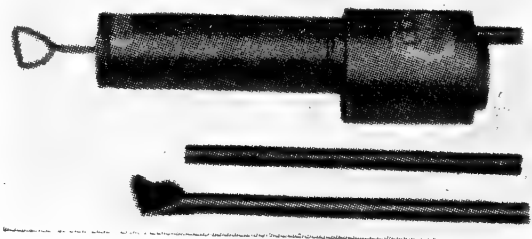
## FEENY HAND DUSTER

The Feeny is the most popular piston-type duster ever introduced. Extension tubes enable the operator to work in an upright position, and the curved nozzle makes the duster adaptable for dusting the undersides of leaves as in bean beetle control, as well as for top dusting. Heavy sponge rubber compression ring insures that cylinders will not lose compression regardless of age or use.

MODEL F—1 qt. capacity ..... \$2.45  
MODEL D—2 qt. .... 4.25

## FEENY MODEL F

### One Quart Duster



## FEENY CRANK DUSTER



Sturdy Construction, Simple, Positive Feed Control. Ball Bearing, Perfect Balance, High Speed 8 in. Fan.

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Your garden hose is your insecticide sprayer, when you use an ARNOLD! Just attach this highly efficient mixing and spraying device in place of your regular hosenozzle—turn on water and spray anywhere from 3 to 25 feet. Cartridges fit into chamber and dissolve slowly, as water passes thru, giving you the correct control solution. No pumping, no guesswork. Thousands in use nationally. Sprayer, \$6.50; cartridges, 40c each; Doz. \$4.40.

## Spray Your LAWN and GARDEN with INSECT-O-GUN

### Sprays

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- ... attaches to garden hose
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**NO. 3 FULL 3-gal. capacity, \$5.95**



Our stock of sprayers and dusters includes almost every conceivable size and type in both power and hand models. We welcome your inquiries, whether it is for a small household size or for a 400 gallon commercial unit. If you need repair parts for a sprayer you already have, check with our service department. We may have the parts you need in stock.

## Niagara Cyclo Jr. Duster

Here is the ultimate in hand crank dusters. Effortless operation, light in weight, positive agitation, adequate capacity, precision built, completely adjustable. Quiet "squirrel-cage" fan. All aluminum body, fan and discharge equipment. Discharge outlet swivels to any position instantly. Each.....\$30.00

"Y" and equipment for 2 rows .... \$ 5.00

The simple, accurate feed control on the FEENY CRANK DUSTER is quickly and easily regulated to apply up to 25 or more pounds dust per acre. Equipped complete with extension and nozzles for dusting either one or two rows. Each \$23.65.



## ROTO-HOE

This marvelous 2 h.p. ROTARY CULTIVATOR is entirely new and different.

Powerful pulverizing action—self-propelling—you simply guide it! The perfect tillage-cultivator for all garden crops, flower gardens, etc.

### YEAR 'ROUND EQUIPMENT:

Adapta Cart	\$11.50
Rotary Cultivator only	52.00
Rotary Sno-Blower 17"	38.00
Roto-Cutter 12" for close work	24.00
Roto-Cutter 16"	27.50
Roto-Cutter 20" for grass, tall weeds, etc.	\$34.50
Sprayer with Hose, Gun, etc.	77.00
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Acclaimed everywhere shown as America's finest Garden Cultivator for small and medium Gardens.

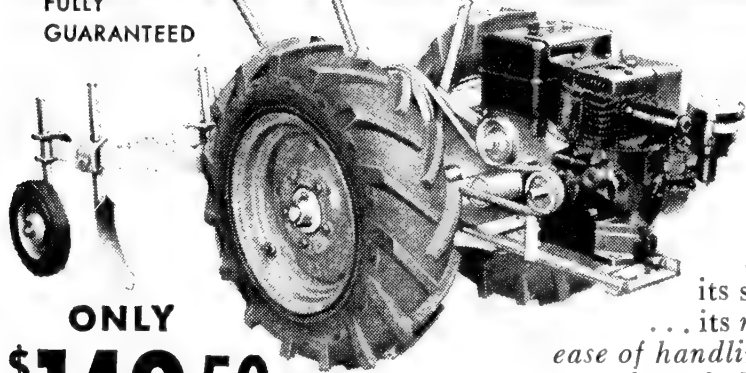
NEW 1954

**POND**

## Wheel Horse

MAKES GARDENING EASY!

FULLY  
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**\$149<sup>50</sup>** AND  
UP

Put an end to back-breaking, time-consuming garden tasks with a new 1954 Pond Wheel Horse. It's today's best value! Compare price . . . the many easy-to-change attachments . . . its simple, trouble-free design . . . its rugged construction . . . its ease of handling, and you'll buy a Pond! Choose from 2, 2½, 3 and 3½ h.p. models powered by mighty Briggs & Stratton, Clinton or Kohler engines

## BEFORE YOU BUY ANY TRACTOR - -

—you owe it to yourself to come in and investigate the various features of these machines. Our power equipment manager will be glad to help you select that which best fills your needs. We have set up on our display floor all the various units for your inspection. Descriptive literature is also available and will be supplied on request.

### "LITTLE FARMER"

The "Little Farmer" is the "handiest thing on wheels" for the home gardener as well as the small commercial grower. Especially adapted for working between narrow rows. Powered with 1 H.P. motor.  
Complete with cultivator . . . \$102.50

#### ATTACHMENTS:

2-gang 7" Discs, pr.	\$9.95
8" Furrowing Plow	2.75
Seed Drill	9.95
Depth Control Caster	8.00
Moldboard Plow, 5"	3.00
Hand Throttle Control	2.50
Row Marker	3.50
Power Sprayer, 5 gal. tank	95.50

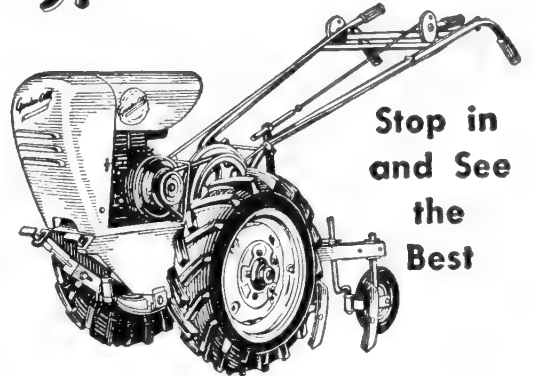
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GARDEN TRACTOR LINE

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LAWN and GARDEN TRACTOR

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3½ h.p.



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6 and  
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Ride while  
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Compact  
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The Garden-All features a high arch one-piece frame. Steel cut gears run in oil bath out of the dust. Reverse drive is available if desired. Tools are quickly detachable and interchangeable. A full range of sizes to suit every need. Be sure you see GARDEN-ALL's many exclusive features before you buy. Powered with dependable Briggs & Stratton, Kohler or Wisconsin 4-cycle motors.

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Exclusive Montgomery County Distributors



DOUBLE PEONIES

## Seventh Annual Peony Show

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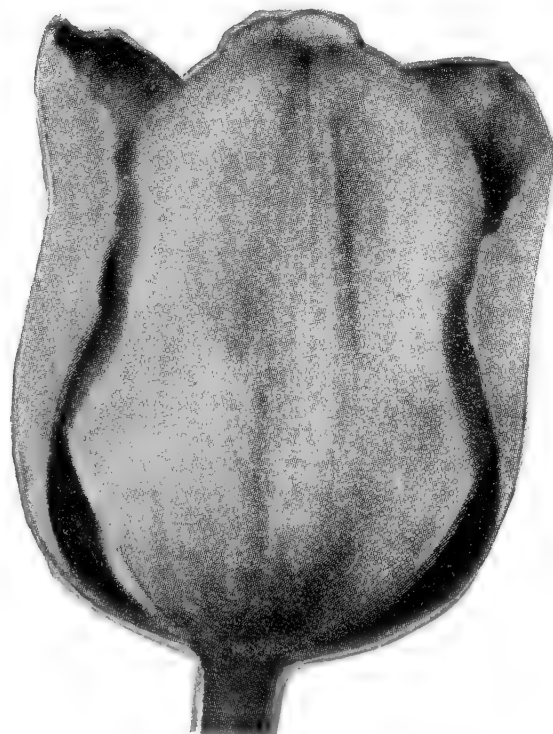
June 3rd, 4th & 5th

at THE GARDEN STORE

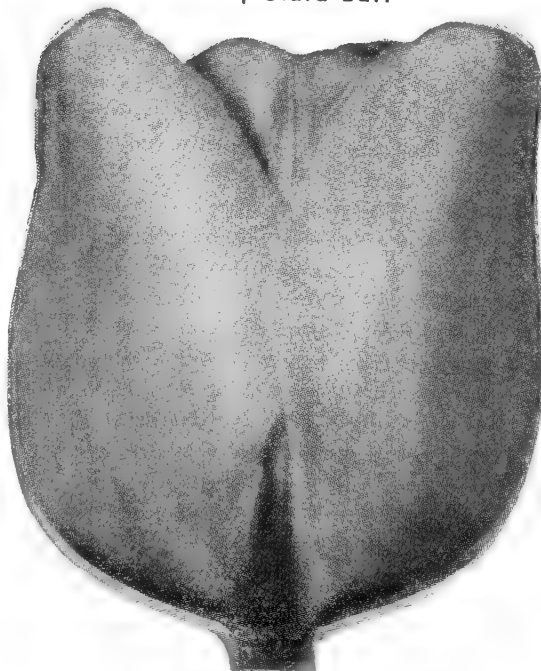
Main Floor—107 East Third St.

Mark your calendar now to be sure and visit this spectacular show. On display at this time will be some 100 or more varieties of the world's finest through the cooperation of the WASSENBERG GARDENS of Van Wert, Ohio—peony center of the world. Orders may be placed for any of these varieties at the show with the assurance that the flowers you grow will be precisely like the specimen blooms from which you ordered. All orders placed will be delivered in September at proper planting time, complete with planting directions.

TULIP,  
Wm. Copeland



TULIP, Clara Butt



# Spring... will soon BE HERE!

There is an almost endless number of kinds and varieties of Tulips, Narcissus, Hyacinths and Crocus, and it's important to know some of the names of those that will reward you with the biggest and most beautiful blooms. The Tulips and Narcissus listed below are all good, moderately priced and give a wide range of color.

### NARCISSUS

**Large trumpets:** WHITE—Beersheba, Mrs. E. H. Krela; BICOLOR—Imperator; YELLOW—Golden Harvest, King Alfred.

**Medium trumpets:** WHITE—Firetail, Lady Diana Manners; WHITE & YELLOW—Queen of the North, Bernardino; WHITE & ORANGE—Francisca Drake; YELLOW—Diana Kasner.

**Poet's Narcissus:** WHITE—Actea, Homer, Horace, Ornatus.

**Cluster Flowered:** WHITE & YELLOW—Laurens Koster; ORANGE & WHITE—Geranium; YELLOW & GOLD—Helios; YELLOW & ORANGE—Admiration.

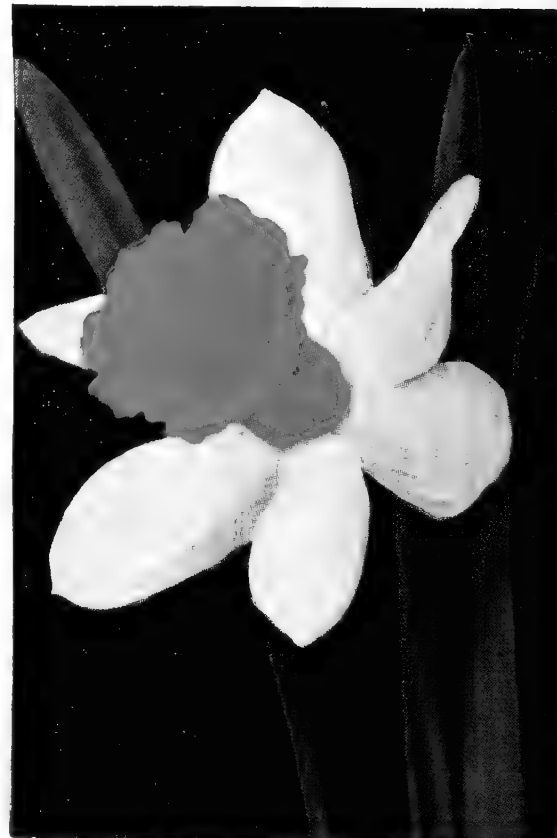
**Double Flowered:** WHITE—Daphne; WHITE & YELLOW—Irene Copeland; WHITE & ORANGE—Cheerfulness; PRIMROSE & ORANGE—Twink.

**For Naturalizing:** Emperor, Ornatus and Sir Watkins.

### TULIPS

**Single early:** WHITE—Albion; PINK—Pink Beauty; YELLOW—Rising Sun; RED & YELLOW—Keizerskroon; ORANGE—De Wet; RED—Couleur Cardinal.

**Double Early:** WHITE—Boule de Neige; WHITE & ROSE—Murillo; ROSE-PINK—Peach Blossom; YELLOW-ORANGE—Couronne d'Or; SCARLET—Scarlet Cardinal.



NARCISSUS

**Double Late:** WHITE—Mt. Tacoma; ROSE-PINK—Eros; DARK RED—Uncle Tom.

**Cottage:** WHITE—Carrara; LEMON YELLOW—Golden Harvest; PINK & BUFF—Marjorie Bowen; DEEP PINK—Dido; GOLDEN YELLOW—Belle Jaune; SCARLET—Marshall Haig.

**Darwin:** WHITE—Glacier; PINK—Clara Butt; YELLOW—Yellow Giant; CHERRY-ROSE—King George V; HELIOTROPE—The Bishop; SCARLET—Farncombe Sanders; RED—Eclipse; MAROON BLACK—La Tulipe Noire.

**Breeder:** TERRACOTTA YELLOW—Prince of Orange; GOLD & TERRACOTTA—Cherbourg; PURPLE & GOLD—Louis XIV; PURPLE BRONZE—Cardinal Manning; COPPER RED—Indian Chief; FLAME—Dillenburg.

**Parrot:** PINK & GREEN—Fantasy; BLUE HELIOTROPE—Blue Parrot; HELIOTROPE & LAVENDER—Gadelan; ORANGE & GREEN—Orange Favorite; YELLOW—Sunshine; SCARLET & BLACK—Red Champion.

### AFTER THEY BLOOM

After flowering, the bulbs go to work on storing up food supplies that enable them to produce good flowers the following spring. In this food production, vigorously growing leaves are essential. A general-purpose fertilizer applied just after bloom will be helpful. So will good maintenance.





How?

When?

Where?

Why?

# PLANT FEEDING

Gardeners all know that if the soil is to feed the plants year after year, then the gardener must help the soil by supplying plant food. A large portion of the soil's native fertility is lost each year through removal of plant growth, and by erosion and leaching. Seldom is a soil to be found which has not been exhausted of one or more of the vital plant food nutrients.

Fortunately, plant feeding is a rather simple and easy job. While plants require many different elements from the soil, these can be provided by just one complete, balanced plant food, such as Vigoro\* and Instant Vigoro. Without odor or muss, modern complete balanced plant food takes care of all the vital nutrient needs of plants, regardless of the soil's natural fertility level.

The physical condition of the soil is also important. If it is low in organic matter, if it bakes and cracks when dry, or is too sandy, it can be improved by addition of humus and conditioning materials such as peat moss, compost, and vermiculite.

## A Matter of BALANCED Diet

Buying plant food for lawns and gardens is like buying food for your table. To keep healthy, you need a balanced diet . . . you would not think of keeping your children on an all starch diet just because it is cheaper. You know they need proteins and minerals, too.

It is the same way with flowers and vegetables, too. They need many different plant food elements from the soil for root, stem, fruit or flower development. For these reasons, we recommend Complete Plant Food, which supplies in balanced proportions the vital nutrients plants need from the soil for the best growth and development.

## For LAWNS:

Apply evenly according to manufacturer's instructions. (With New Process Vigoro, you'll need only 3 lbs. per 100 sq. ft.)

For hot weather feeding or supplemental feeding to stimulate summer growth and deepen foliage color we suggest liquid feeding with Instant Vigoro. (Like famous Vigoro, Instant Vigoro is complete plant food.)

## For FLOWERS, VEGETABLES, BERRIES

Apply complete plant food at the rate of 4 pounds per 100 sq. ft. of area before seeding or setting plants. For established perennials apply around plants or along both sides of row early in spring at six to eight week intervals.

When setting out vegetable and flower plants use two level tablespoons of Instant Vigoro per gallon of water and pour one cup of solution around roots of each plant. For summer feedings of liquid plant food follow the manufacturer's recommendations.

## For TREES

Make a series of holes 12 to 18 inches deep with 2" soil auger or a pointed stick under the drip of the branches. Figure the plant food need per tree by measuring the diameter four feet from the ground and allowing 3 pounds of complete plant food per inch of diameter. Fill holes with a mixture of half Vigoro and half soil or sand.

## TWO MORE GARDENING TIPS

Good cultural practices call for keeping weeds out of your lawn and garden.

In the garden, you will have to use the hoe. In the lawn, however, you'll find it simple and easy to spray weeds away with modern weed killers such as End-o-Weed 2,4-D Lawn Weed Killer which kills over 100 kinds of weeds and End-o-Weed Crab Grass Killer that kills ugly crab grass.

Finally, you must keep insects and fungus disease under control. We have a complete line of insecticides for every need. But, if you grow a variety of things, you'll get better results and save time and money by using an all around insecticide, such as End-o-Pest, 3-Way garden dust to prevent and control all major types of chewing and sucking insects and fungus diseases. For the control of such pests as ants, roaches, and chiggers in buildings and yards we suggest a chlordane formulation such as End-o-Pest ARC.

If you plant right, weed right and protect right . . . you'll get better results and more pleasure and benefit from the seed you buy from us.

## INSTANT VIGORO Complete Plant Food

IN CONCENTRATED FORM FOR LIQUID PLANT FEEDING

Like famous Vigoro, Instant Vigoro is a complete plant food. It is prepared in a concentrated crystalline form designed for liquid feeding. Ideal for foliar feeding (Absorption of nutrients through the leaves of the plant) as well as for normal root-zone feeding.

VIGORO has spelled top-quality plant food for many years, and INSTANT VIGORO will give equally fine results. Ideal for gardeners who prefer to apply plant food in liquid form.

It comes in convenient size packages; 8 oz., 16 oz., 3 lb., and 25 lb., for feeding house plants or the largest lawn.

## The VIGORO Family of Gardening Aids!

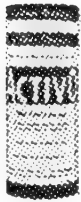


\*Vigoro is Swift & Company's trademark for complete plant food.

# LAWN AND GARDEN FERTILIZERS

## ACTIVO

Hastens compost, activates soils, stretches fertilizers. Quickly turns garbage, leaves, grass, etc., into rich humus and soil builder without offensive odor. All organic.



No. 2 size (treats up to 450 lbs. of compost) \$1.00; No. 7 size \$2.79; No. 20 size, \$5.95, Postage prepaid. No. 50 size, \$11.95, freight or express collect.

## AGRICO

FOR LAWNS TREES AND SHRUBS: 5 lbs. 55c; 10 lbs. 95c; 25 lbs. \$1.70; 50 lbs. \$2.55; 100 lbs. \$4.95.

FOR GARDENS: 5 lbs. 55c; 10 lbs. 95c; 25 lbs. \$1.70; 50 lbs. \$2.55; 100 lbs. \$4.95.

FOR BROADLEAF EVERGREEN: 5 lbs. 65c; 10 lbs. \$1.15; 25 lbs. \$2.20; 50 lbs. \$3.00; 100 lbs. \$5.80.

COUNTRY CLUB 10-6-4—A special high nitrogen food for grass feeding. 100 lbs. \$5.15.

ALUMINUM SULPHATE—Used to increase soil acidity. Especially valuable in the culture of azaleas, rhododendrons, laurels, etc. Lb. 20c; 5 lbs. 75c; 10 lbs. \$1.25; 25 lbs. \$2.25; 50 lbs. \$3.85; 100 lbs. \$6.75.

AMMONIUM SULPHATE—High nitrogen fertilizer. Also used as an acidifying agent. 5 lbs. 80c; 10 lbs. \$1.35; 25 lbs. \$2.25; 50 lbs. \$3.95; 100 lbs. \$6.75.

BONE MEAL—Preferred by some due to its long-lasting, non-burning properties. Contains Nitrogen and Phosphorus. 2 lbs. 35c; 5 lbs. 75c; 10 lbs. \$1.35; 25 lbs. \$2.95; 50 lbs. \$5.25; 100 lbs. \$8.95.

## BULB FERTILIZER

Especially recommended for fleshy-rooted plants, such as Dahlias, Lilies, Gladioli, Tulips, Daffodils and any other plants which demand a high-potash food. Analysis: 5-6-15. 2 lbs. 50c; 5 lbs. 85c; 10 lbs. \$1.45; 25 lbs. \$3.25; 50 lbs. \$6.20; 80 lbs. \$8.75.



## COW MANURE

(Wizard) — Heat-treated to kill all weed seeds. Excellent for garden, lawn and greenhouse. 5 lbs. 50c; 10 lbs. 90c; 25 lbs. \$1.55; 50 lbs. \$2.45; 100 lbs. \$4.65.

ES-MIN-EL—Supplies all the essential mineral elements for normal plant growth including manganese, copper, zinc, iron, boron and others (NOT A FERTILIZER) 5 lb. bag \$1.25; 100 lbs. \$11.95.

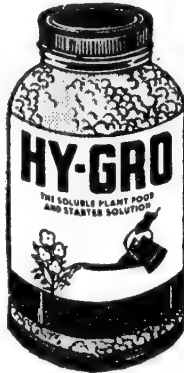
FOLIUM—Monsanto's high analysis 20-20-20 soluble plant food. A companion product to Krilium. Use ½ teasp. to 1 qt. water; one pound makes 25 gal. liquid plant food. 2-ozs. 25c; 1b. \$1.25; 5 lbs. \$4.50.

F. T. E. (Dupont's Fritted Trace Elements)—Supplies iron, manganese, copper, zinc, boron and molybdenum. Slowly released, non-leaching, non-toxic. Lb. \$1.00; 5 lbs. \$2.95; 50 lbs. \$13.95.

HYPONEX — (7-6-19) — A complete odorless concentrated plant food instantly soluble in water. Useful for house plants, hydroponics or as a starter solution. One ounce makes 6 gal. liquid plant food. Oz. 10c; 4 ozs. 25c; 7 ozs. 50c; 1b. \$1.00; 10 lbs. \$8.00.

## HY-GRO PLANT FOOD

Plants have no boarding-house reach! Reach the roots with HY-GRO famous 13-26-13 formula with growth hormones and other plant nutrients added. Dissolve in water. Pour on. Overcomes root shock and checks wilting as starter solution. Ideal all-season fertilizer. One ounce feeds 25 square feet of garden. Produces amazing results. 3 ounce pkg. 25c; 1b. \$1.15; 2 lbs. \$1.75; 5 lbs. \$3.00; 10 lbs. \$5.00.



IRON SULPHATE—An acidifying agent for soils. Also for treating trees for chlorosis conditions. Lb. 20c; 5 lbs. 80c; 10 lbs. \$1.35; 25 lbs. \$2.50; 50 lbs. \$4.50; 100 lbs. \$7.50.

LIME—For correcting soil acidity. 10 lb. bag 39c; 25 lb. bag 59c; 80 lb. bag \$1.10; 5 bag lots \$1.05 per bag.

LIQUA-VITA—The concentrated liquid plant food especially recommended for house plants. Use 1 teaspoonful to 1 quart of water. 8 ozs. 45c; qt. \$1.25; gal. \$4.00.

LOMA TURF FOOD (10-6-4)—A high grade organic base plant food especially for lawns, parks, cemeteries, golf courses, etc. 50 lb. bag \$3.30; 100 lb. bag \$6.25.

LOMA (Mineralized)—A complete 5-10-5 formula with extra manganese, copper, zinc, iron and boron added. 10 lbs. \$1.00; 20 lbs. \$1.60; 40 lbs. \$2.65; 80 lbs. \$4.25.

MILORGANITE—The answer to your organic nitrogen problem for Lawns, Trees, Shrubs and Gardens. Contains 6% nitrogen. Non-burning—sow fertilizer and seed the same day—safely. Use 3 to 5 lbs. per 100 sq. ft. 25 lbs. \$1.70; 50 lbs. \$2.80; 100 lbs. \$4.55.

## "NA-CHURS" Plant Food

Balanced liquid fertilizer for all soil types. Use it for lawns, gardens, shrubs, trees, greenhouses, for soil-less culture and as a starter solution. 8-oz. bottle 45c; pt. 75c; qt. \$1.25; gal. \$4.00; 5 gal. \$17.50.



MEL-LO PEAT MOSS—A pure weedless and odorless sedge peat for soil conditioning and mulching. It mellows the soil and preserves the moisture. Excellent for flower beds and lawns. Makes a desirable seed cover. 5 lb. bag 55c; 2 bu. bag \$1.85; 10 or more @ \$1.75 each.

PEAT MOSS — A fine garden mulch, as it conserves moisture. When incorporated into the soil it aids growth by promoting bacterial action. A fine winter protection for lawns, shrubs, roses and perennial beds. Special bale (6 to 8 bushels) \$3.85; giant size bale (12 to 15 bushels) each \$5.65.



NITRATE OF SODA—A straight instantly soluble 20% nitrogen fertilizer. 5 lbs. 80c; 10 lbs. \$1.45; 25 lbs. \$3.25.

PLANT MARVEL—(12-31-14)—Soluble plant food preferred by many growers. Safe for tender plants. Trial pkt. 35c; ½ lb. 75c; 1b. \$1.25.

## PLANTABBS

Give your vegetables, flowers and house plants an extra boost. Feed them these plant food tablets rich in Nitrogen, Phosphoric Acid, Potash, plus secondary plant foods and hormones. 30 tablets 25c; 75 for 50c; 200 for \$1.00; 1000 for \$3.50.

POTASH, Muriate of—Highly concentrated. 50% grade. 5 lbs. 80c; 10 lbs. \$1.45; 25 lbs. \$3.25.

POTTING SOIL—See Page 47.

RA-PID-GRO — The concentrated 23-21-17 plant food formula for feeding through the roots or through the leaves as a foliage spray. 100% soluble, immediately available—contains no filler. 2 oz. pkt. 25c; 8 ozs. 69c; 1b. \$1.25; 2 lbs. \$2.35; 5 lbs. \$4.50; 10 lbs. \$8.75; 25 lbs. \$21.00.

RHODO-AZALEA Fertilizer (G & O)—Prepared especially for acid-loving plants such as Azaleas, Rhododendrons, Holly, Blueberries, etc. 2 lb. bag 50c; 5 lbs. 85c; 10 lbs. \$1.45; 25 lbs. \$3.25.

# ROSE-FOOD



... at last, a real organic, no-filler fertilizer, ESPECIALLY FOR ROSES!

You can't feed roses a "good-for-everything" commercial food and get the color, size of bloom and stock you want! G & C Rose Food is specialized—a balanced combination of ORGANIC ingredients—selected for the particular "make-up" and sequence availability that roses need. TRY IT—and see what a difference it makes!

The largest selling specialty food in America—graduated with top honors from the largest rose growers. 5 lbs. 85c; 10 lbs. \$1.45; 25 lbs. \$3.25; 50 lbs. \$6.20; 80 lbs. \$8.75.

## SHEEP MANURE (Wizard)

Most extensively used of animal manures in feeding of lawns and gardens. Weed-free.

5 lbs. 50c; 10 lbs. 90c; 25 lbs. \$1.55; 50 lbs. \$2.45; 100 lbs. \$4.65.



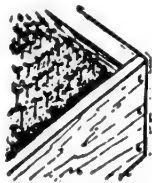
SUPERPHOSPHATE (18%)—Aids plant nutrition, and assists the plant to assimilate other ingredients. An essential plant food element. 3 lbs. 25c; 10 lbs. 60c; 25 lbs. \$1.25; 80 lb. bag \$2.55.

TOBACCO (Pulverized)—A granular grade of tobacco by-product desirable for mulching and soil conditioning. 40 lb. bag \$2.00.



**Now! One Material Does  
All These Gardening Jobs**

## Terra-Lite\* Vermiculite



### Starting Seeds

*Terra-Lite* provides perfect control of air and water for speedy, heavy root growth. Maximum seed germination. Seeds easily plucked out for transplanting.



### An Ideal Mulch

Stops winter soil heaving by curbing drastic changes in soil temperatures. Prevents drying out in summer. Less watering.



### Lightening Soil

Heavy, clay soil can be aerated with *Terra-Lite* as in no other way. Lets roots spread out, provides perfect air-moisture control for best growth. *Terra-Lite* gives body to sandy soils, helps them retain moisture.



### Transplanting

When you plant shrubs, bushes, trees, bulbs or seedlings in your garden, a little *Terra-Lite* in the soil mixture assures the required air and moisture for roots . . . *bigger, better plants result!*



### Rooting Cuttings

If you root your own cuttings you'll be amazed how quickly roots develop in *Terra-Lite*. Masses of hair roots spring forth, making strong healthy cuttings that take hold quickly when transplanted.



### New Lawns

Greener, healthier *Terra-Lite* lawns make friends, for *Terra-Lite's* ability to store and control air and moisture means no scorching, less watering.



### Storing Bulbs

Bulbs stored in *Terra-Lite* will not rot. Insulates against abnormal changes in temperature—keeps bulbs firm and plump.

Yes, you'll find many ways to use *Terra-Lite* in your gardening chores, "all thru the year." You see, *Terra-Lite* vermiculite is a form of expanded mica that has unusual ability to hold many times its weight in water—yet, *Terra-Lite* never shuts out air that plants so need. The power to hold and release air and water as needed for healthy growth is what makes it such a help in your gardening.

Buy the large bag of *Terra-Lite*—you'll find it a valuable aid throughout the year.

4 qt. bag 39c; 1/2 bu. bag 89c; 3 1/5 bu. bag \$2.35.

## —FERTILIZERS (continued)

**VERTAGREEN (5-10-5)**—A scientifically balanced plant food developed by Armours. Use it for gardens, lawns, shrubs and trees. The recommended rate of application is 4 lbs. to each 100 sq. ft. Vertagreen is odorless, clean and economical. 5 lbs. 55c; 10 lbs. 95c; 25 lbs. \$1.70; 50 lbs. \$2.55; 100 lbs. \$4.85.

**VIGORO (6-10-4)**—The "square meal" for all plants. Clean, odorless, easy to use. It encourages balanced growth of grass, flowers or vegetable because it is scientifically formulated. A product of Swift & Co. Use 3 lbs. per 100 sq. ft. Lb. 15c; 5 lbs. 55c; 10 lbs. 95c; 25 lbs. \$1.70; 50 lbs. \$2.55; 100 lbs. \$4.85.

## NEW !! CHEMICAL SOIL CONDITIONERS

**KRILIUM**—The Original by Monsanto! Merloam Formulation—Five pounds conditions 80 sq. ft. three inches deep or 240 sq. ft. one inch deep. Complete directions for use accompany every package. One application is good for years. Makes the most difficult heavy clay soils loamy and fluffy. Lb. can \$1.39; 5 lb. can \$4.95.

**Loamaker Formulation**—Recommended for commercial growers and those larger users who prefer a concentrated 100% active material and have the equipment and know-how to evenly distribute and thoroughly mix it into the soil. One pound treats from 65 to 100 sq. ft. 3 inches deep or 200 to 300 sq. ft. one inch deep. 10 lb. drum \$25.00; 25 lbs. \$58.75; 50 lbs. \$112.50.

**LIQUID KRILIUM**—Recommended for surface treatment only, to reduce erosion of new grass seedings on terraces and over the rows of newly planted crops to prevent soil crusting and aid germination. Gal. \$7.50; 5 gal. \$29.60.

The Amazing New  
Soil Conditioner

MAKES TOPSOIL of CLAY SOIL

**SOIL LIFE** (Wettable Flakes)

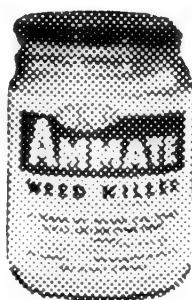
CONCENTRATED POLYACRYLONITRILE

A highly concentrated wettable flake type of Polyacrylonitrile which dissolves readily in water and is then applied with a sprinkling can or sprayer. Use it for lawns, gardens, potting soils, etc. Harmless to plants. One pound treats 200 sq. ft. 4 oz. can \$1.25; 8 ozs. \$2.00; lb. \$3.75; 2 lbs. \$6.75; 12 lbs. \$36.00.

### SOIL LIFE 25% Dry Dust Type.

For use in the dry concentrated form as it comes from the package. One pound treats 75 sq. ft. 1/2 lb. \$1.00; lb. \$1.40; 3 lbs. \$3.00; 12 lbs. \$11.00.

## WEED KILLERS



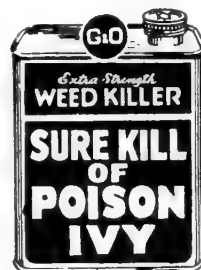
**du Ponts AMMATE**—The new non-flammable, Poison Ivy and weed killer. Non-hazardous to livestock; produces no prolonged soil sterility. 3/4 to 1 lb. of Ammate in one gal. water treats 100 sq. ft. Ask for circular. 2 lb. jar \$1.15; 6 lbs. \$2.95; 50 lbs. \$13.75; 350 lb. barrel \$75.25.

**SODIUM TCA**—Recommended for quack grass and certain other hard-to-kill noxious weeds. 10 lb. drum \$6.55; 50 lbs. \$27.50; 100 lbs. \$51.00.

**CRAG HERBICIDE-1**—One application will keep your garden free of weeds and grass

for 3 to 6 weeks. Can be used safely on strawberries, corn, gladiolus, asparagus, beans and many other crops. Must be applied before weeds get started. Not effective after they are 1/4" high. Use 1 tablespoon dissolved in water to 200 sq. ft. (2 to 4 lbs. per acre). 4 ozs. \$1.50; 2 lbs. \$4.95; 10 lbs. \$22.50.

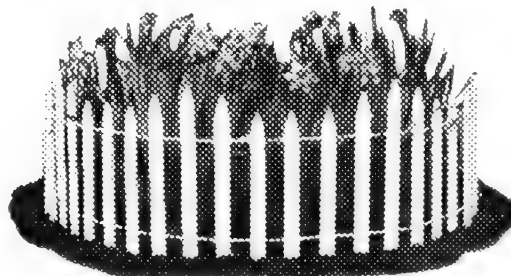
**G and O Weed KILLER**—A sure exterminator of obnoxious plant life. Dilute in water; 1 part to 40. Fine for driveways, paths, tennis-courts or for spot-treating. Pt. 50c; qt. 85c; gal. \$2.10; 5 gals. \$9.50; 30 gal. @ \$1.65 gal.; 55 gal. @ \$1.50 gal.



SEE PAGE 22 FOR 2-4-D and 2,4,5-T WEED KILLERS  
CMU Weed Killer—Ask for price

**WOOD  
PICKET  
BORDER  
FENCE**

18 inches high



This low border fence makes a very attractive inexpensive protection for flower beds and borders. Shape it to fit any bed. Pickets are planed smooth and painted snow white. Put up in 25 ft. rolls only. (Will surround an 8 ft. diameter bed.) Per roll \$4.95.

**LAWN GATE**—Metal frame 1-pc. channel steel, with wood pickets to match fence. 42" high, 36" wide. Complete with hinges and latch \$8.50.

**WOOD  
PICKET  
LAWN  
FENCE**

42 inches high

Made up of the same smooth planed gothic pointed wood pickets as the border fence shown above. Pickets are securely held in place by 4 double-wire twisted cables. So easy to erect and pleasing to the eye. Available in 50 ft. rolls only. Per roll \$18.95.

# INSECTICIDES AND FUNGICIDES

All Prices In This Catalog Are Subject To Change Without Notice. All orders are accepted with the understanding that the price in effect at time of shipment will apply.

## AEROSOL BOMBS

For Greenhouse Use Only. "Lethalaire Brand."

No. G-54 Parathion ..... Net 4 lbs. \$ 8.00  
No. G-59 OMPA ..... Net 4 lbs. 16.70  
No. G-61 Lindane-Aramite. Net 4 lbs. 12.50  
No. G-62 Malathion..... Net 4 lbs. 9.75  
(Plus shell deposit of \$3.75 each)

**GAS MASK**—ISCO Approved industrial type with canister \$24.00.


**APHIS DUST**—A new effective aphis control in a dust form containing 1.2% Gamma Isomer of BHC from Lindane. Lb. can 70c; 4 lbs. \$2.10.

**ARAMITE—15W**—For Red Spider and other mites on evergreens, roses, nursery stock, ornamentals and fruits crops. Safe, sure, easy to use. Mix 1 oz. to 4 gal. water and spray. 4 ozs. \$1.00; 12 ozs. \$2.00; 4 lb. bag \$3.95.

**ARAMITE-3% DUST**—Use as is or mix with water. Lb. 75c; 4 lbs. \$2.35.

**ARSENATE OF LEAD** — A stomach-poison used either as a dust or spray for control of many leaf-eating insects on flowers, vegetables, fruits. 1 lb. 63c; 3 lb. bag \$1.35. Ask for quantity prices.

**B H C (Benzene Hexachloride)**—See Lexone



**BLACK LEAF "40"**—A concentrated nicotine solution for control of aphis and thrip on plants, also for lice on animals. Oz. 36c; 5 oz. \$1.05; lb. \$2.50; 2 lbs. \$4.15; 5 lbs. \$7.40; 10 lbs. \$12.65.

**BORDEAUX MIXTURE**—Popular fungicide for flowers, vegetables and fruits. 1 lb. 48c; 4 lb. bag \$1.35.

**CAPTAN 50W (Fungicide 406)**—This new organic fungicide has shown remarkable control of fungous diseases on fruits and vegetables and where used has regularly produced a superior crop. Usual dilution, 2 lbs. per 100 gal. 5 lb. bg. \$5.35; Cs. 10/5's \$46.00.

**CARBOLA**—This time-tested water paint now contains Lindane. One application to walls and ceilings of dairy barns, basements, etc., kills flies, spiders, ants, fleas and moths which walk over it for months. Perfectly safe to use, dries white. 5 lbs. 95c; 10 lbs. \$1.55; 25 lbs. \$3.50; 50 lbs. \$6.25.

**CHLORDANE** is a new tested and proven control for grubs, grasshoppers, crickets, fleas, ticks, ants, roaches, termites and others. Recommended by your state dept. of agriculture. Use on farm crops, flowers or lawns as directed on the package.

**5% CHLORDANE DUST**—1 lb. can 45c; 5 lb. bag \$1.35; 20 lb. bag \$4.00; 50 lb. bag \$8.50.

**50% CHLORDANE (wetttable)**—1 lb. can \$1.50; 5 lb. bag \$5.50; 20 lb. bag \$19.00; 50 lb. bag \$39.50.

**CHLORDANE 45% Emulsion**—A liquid chlordane concentrate for spraying. Average dilution, 1 to 2 teaspoons to 1 qt. water. For farm crops, 2 to 3 pts. in 100 gal. water per acre. Oz. 35c; 4 ozs. 75c; 1/2 pt. \$1.25; pt. \$1.95; qt. \$3.25; gal. \$8.00.

**CHLOROBENZILATE-25W**—The first offering of this highly effective miticide. Effective even on mites that are resistant to Parathion and others. Use 1 to 1 1/2 lbs. per 100 gal. 4 lb. bg. \$6.20. Cs. (12) \$69.00.

**COPODUST**—A 6% copper dust for control of blights and fungi on tomatoes, potatoes, etc. 1 lb. can 45c; 5 lb. bag \$1.15.

**COPPER-A**—This is a concentrated fixed copper for spraying or dusting plants sensitive to the soluble coppers such as bordeaux mixture; 45% copper content. 6 lb. bag \$2.85.

**COPPER SULPHATE, (SNOW)**—Used in preparation of home made Bordeaux Mixture. The snow form has practically replaced the crystalline because of greater ease of mixing and preparing 1 lb. 30c; 10 lbs. \$2.10; 25 lbs. \$4.25; 100 lbs. \$13.75.

**CYANOGAS "G"**—Greenhouse fumigant for control of aphis, white fly, etc.

5 lbs. \$3.85; 25 lbs. \$12.90.



## DDT INSECTICIDES

**5% DDT DUST (Garden-Aid Brand)** 1 lb. shaker top can 39c; 5 lb. bag 95c; 20 lbs. \$2.75; 50 lbs. \$5.50.

**DDT 50-W**—A 50% wettable DDT powder for spraying fruits, flowers and vegetables and wherever DDT is recommended. Lb. can 78c; 4 lb. bag \$2.00.

**DDT 25% EMULSION**—An emulsifiable concentrate containing 25% DDT. For use on plants and as a residual surface spray. Pt. 90c; Qt. \$1.45; Gal. \$3.50.

**DITHANE**—Especially recommended for control of late blight of potatoes, tomatoes and other garden crops. Equally effective for Mildew on roses, zinnias, mums, snaps, etc. 4 ozs. 45c; 8 ozs. 80c; pt. \$1.40; qt. \$2.00; gal. \$6.10.

**DUPONT FLORAL DUST**—Use it as a dust or spray for both insects and plant diseases. Duster carton 89c; lb. can \$1.15; 3 lb. bag \$2.50.

**DUPONT FRUIT TREE SPRAY**—Specially formulated for the home fruit grower. Simplifies control of insects and fungous diseases. Lb. \$1.15; 3 lb. bag \$2.50.

**DUPONT GARDEN DUST**—A new dust formula containing Fermate, Zerlate, DDT and Rotenone. Highly recommended as a general garden insecticide and fungicide. 8 oz. duster carton 89c; lb. carton \$1.15; 3 lbs. \$2.50.

**DUPONT SPREADER-STICKER**—A combined sticking and spreading agent increasing the efficiency of most all spray materials. Requires from 2 to 8 ounces to 100 gallons. Pt. \$1.35; gal. \$8.50; 5 gal. \$39.00.

**D-X INSECT SPRAY**—Effective, non-poisonous spray concentrate for sucking and chewing insects on flowers, vegetables, fruits, etc. 1 oz. 35c; 4 ozs. \$1.00; 1/2 pt. \$1.75; qt. \$5.50; gal. \$14.50.

**EPN-300**—(For commercial use only)—An outstanding control material for Red Mite, Curculio and Oriental Fruit Moth in orchard spraying. Excellent long-lasting residual effect. Lb. \$1.50. Ask for case price.

**ENDOPEST**—A 3-way garden protection by the makers of Vigoro. Controls both sucking and chewing insects as well as fungus diseases. 4 oz. 25c; 10 oz. dust gun dispenser (filled) 85c; Refill cartridge 65c; 2 lb. pkg. \$1.79.

**FERBAM**—An outstanding product for many fungus diseases, on fruits, vegetables and flowers. Highly recommended as a preventative of "Blue Mold" on tobacco plants. 8 oz. can 75c; 3 lb. bag \$2.55.

**FORMACIDE (Formaldehyde)**—For soil sterilization, preventing damping off and improving stands. 1/2 lb. 50c; lb. 85c; 5 lbs. \$2.50; 25 lbs. \$10.00.

**KAPSULATE**—Sodium Selenate in Capsule form. Protect your African Violets and other potted flowers from Red Spider, Mites, Aphids, Thrips, etc. Use every 3 months. Pkt. of 5 for 25c; Box of 25 with 2 1/2 ozs. plant food \$1.25.

**KOP-R-SHOT**—A copper solution for controlling Mildew, Black Spot, Rust, Blight and other fungous troubles of flowers and vegetables. 8 ozs. 50c; pt. 85c; qt. \$1.40; gal. \$4.40.

**LARVACIDE (Chlorpicrin)** "Tear gas" fumigant for soil insect life and rodents. Penetrating, safe. Lb. \$1.95.

**LEXONE (BHC)**—A 10% Gamma Isomer of BHC. Highly recommended for curculio, grasshoppers, aphids and splittlebug. Lb. can 79c; 5 lb. can \$2.50.

**LIME**—Freshly hydrated, finely divided spray lime for spraying, dusting, whitewashing, etc. 10 lbs. 39c; 25 lb. bag 59c; 50 lb. bag 95c; 5 bag lots at 90c bag.

**LIME-SULPHUR (Dry)**—For use in dormant spraying against scale, peach blight, leaf curl, etc. Also for summer spraying against scab, mite, and as an animal dip. 1 lb. can 63c; 5 lbs. \$2.50; 12 1/2 lb. bag \$3.00. Ask for drum prices.

**LIME-SULPHUR (Liquid)**—Qt. 60c; gallon \$1.60; 5 gal. \$7.00.

**LINDANE (Liquid)**—A 5% concentration of the new LINDANE effective on many stubborn insects including Spittle Bug, Thrips, Aphid, Flea Beetle, etc. For most insects use 1 teasp. to 1 qt. of water. 4 ozs. 60c; 8 ozs. \$1.00; Pt. \$1.75; Qt. \$3.00.

**LINDANE 25W**—A highly refined 99% pure type of BHC used for residual control of flies, various plant insects, treating seeds for wire worm control, etc. 8 ozs. \$1.55; lb. \$2.75; 5 lbs. \$13.00.

**LINDANE EMULSION (25% gamma)**—Pt. \$3.50; Gal. \$22.50; 5 Gal. can @ \$22.00 per gal.

**LINOIL**—Lindane in an oil emulsion. Proven effective for scale, aphis, white fly, thrips, mealy bug and others. 8 ozs. 45c; pt. 75c; qt. \$1.35; gal. \$3.50.

## LUCKY STRIKE SPRAYS

### L. S. GARDEN SPRAY

—A concentrated solution of rotenone and pyrethrum combined with a spreading agent. Effective against a wide range of insects on flowers, vegetables, shrubs, etc. Safe on tenderst foliage.

Oz., 35c; 4 oz. \$1.00; 8 oz. \$1.60; pt. \$2.50; qt. \$4.50; gal. \$14.00.



**L. S. ROSE KIT**—Affords complete protection against both chewing, sucking insects, and plant diseases, all in one application. Causes no discoloration, burning of blooms or foliage. KIT No. 1 protects 15 to 20 roses for a season; each \$1.00; KIT No. 2 (60 rose size) \$2.00; KIT No. 3 (120 rose size) \$3.50; KIT No. 4 \$10.00.



# INSECTICIDES AND FUNGICIDES

**L. S. AFRICAN VIOLET SPRAY**—Controls Cyclamen Mite, Mealy Bug, Nematodes, Thrips, Aphids, Spring Tails, Red Spider and others. Mixes instantly with water. Oz. 50c; 4 ozs. \$1.25.

**L. S. No. 90 TREEZONE**—The complete summer fruit tree spray for Apples, Peaches, Plums, Pears, Cherries, Grapes, etc. Lb. 79c; 2 lbs. \$1.19; 5 lbs. \$2.75.

**L. S. 300 COPPER-ROTENONE**—Combining rotenone with a finely divided copper oxide dust to form one of the finest all-around insecticide and fungicide combinations for tomatoes, potatoes, vine crops and fruits. Lb. 59; 2 lb. bag 89c; 5 lb. bag \$1.95.

**L. S. 400 POTATO MAKER (Copper-DDT)**—Controls early and late blight, leaf hoppers, flea beetles, etc. on potatoes. Also effective on a wide range of insects and diseases on flowers and vegetables. DO NOT USE ON CUCUMBERS. 1 lb. 55c; 2 lb. bag 90c; 5 lb. bag \$1.75; 25 lb. bag \$6.40.

**L. S. 600 DITHANE-ROTENONE**—A specific for control of both insects and blight on potatoes, tomatoes, vine crops and others. Contains Dithane and Rotenone. Lb. 55c; 2 lb. 97c; 5 lbs. \$2.25.

**L. S. CATTLE SPRAY**—Combines safety with effectiveness. Contains Pyrethrum plus other insecticides for high knock-down and quick kill of stable flies. Gallon \$1.75.

**MALATHION (50%)**—Here is a brand new insecticide proven effective and recommended by the various state agricultural agencies for control of practically all insects which Parathion controls but without the extreme hazards of handling and use of Parathion. It should find a ready market with the home garden trade. Oz. 49c; 5 ozs. \$1.39; Pt. \$2.98; Qt. \$5.29; Gal. \$17.95.

**MALATHION 25 W**—A wettable powder form of this new insecticide, controlling a wide range of insects including Juniper Scale, Red Mites, White Fly, Mealy Bugs and others. Use 2 to 4 lbs. per 100 gal. 4 lb. bag \$3.95.

**MANZATE**—A new organic fungicide by Dupont of particular interest to potato and tomato growers. This one chemical provides control of all principal fungous diseases affecting tomatoes including both early and late blight, anthracnose and Septoria Leaf Spot. Ask for price.

**METHOXYCHLOR 50 W**—This new Dupont product is a close relative of DDT but as safe on food crops as Rotenone. It is especially recommended for beetle control on cucumbers, melons and beans—also for stable flies, which are not controlled by DDT. 8 ozs. 75c; 4 lb. bag \$3.50.

**METHOXYCHLOR EMULSION**—A liquid concentrate of Methoxychlor. Safe on forage and food crops. Controls spittle bug, leaf hoppers, flea beetles and many others. Use 2 to 3 qts. per 100 gal. Gal. \$4.90; 5 gal. \$19.75.

**MASSEY DUST (Garden-Aid Brand)**—Made of microfine dusting sulphur, with arsenate of lead, plus an adhesive agent. Effective protection for roses and other plants. 1 1/4 lbs. 49c; 5 lbs. \$1.25; 20 lbs. \$4.25.

**NAPHTHALENE FLAKES**—For treating gladiolus bulbs for thrip and controlling certain soil insects. Lb. 45c; 5 lbs. \$2.00.

**NICO-FUME PRESSURE FUMIGATOR**—A 1-lb. can will fumigate 25,000 cu. ft. of greenhouse space. 1/2 lb. can 50c; doz. \$4.95; lb. can 95c; Doz. \$9.40.

**PARADICHLOROBENZENE**—For killing peachtree borer, use 1/2 to 1 oz. per tree in early Oct. Lb. 45c; 5 lbs. \$1.95; 10 lbs. \$3.40; 25 lbs. \$7.50; 100 lbs. \$25.50.

**PARATHION (for Commercial Use Only)**—A 15% wettable powder for control of mites, mealy bugs and many other insects attacking fruits, etc. Lb. 95c. Ask for quantity price.

**PARIS GREEN**—For hard-to-kill insects on hardy foliage. Also used for cutworm and grasshopper baits. 1 lb. 60c; 5 lbs. \$2.75.

## PARA-SCALECIDE for PEACH BORER



A liquid method of applying paradichlorobenzene for borers. Safe for even young trees. Apply in Sept. or Oct. or in the Spring when soil temperature is 60° or above. One gallon treats from 40 to 125 trees. 1/2 pt. 75; Qt \$1.45; gal. \$3.25; 5 gal. \$12.50; 15 gal. \$28.50; 30 gal. \$48.60; 55 gal. \$75.00.

**PARZATE**—(Zineb)—A new Dupont fungicide especially recommended for early and late blight of potatoes and tomatoes. 6 oz. can 85c; 3 lb. bag \$3.30.

## RED ARROW GARDEN SPRAY

Kills Mexican bean beetles, aphids, rose bugs, aster and dahlia beetles, cabbage worms, Japanese beetles and many other varieties of chewing and sucking insects. Safe, economical and effective. Oz. 35c; 4 oz. \$1.00; pt. \$2.85; qt. \$5.00; gal. \$17.00.



**ROSE DUST (Garden Aid Brand)**—NOW, better than ever! New, modern, scientific rose dust formula, compounded according to the latest reliable sources. Contains Rotenone, Lindane, Methoxychlor, Fermate and microfine sulphur. Its proper use will control both insects and fungus diseases such as black spot, mildew, rust and others. We believe this new improved formula to be the best on the market. 8 oz. dust gun 59c; 1 lb. shaker top can 85c; 5 lb. bag \$3.50; 20 lbs. \$12.50; 50 lbs. \$30.00.

**ROTENONE DUST (Garden-Aid Brand)**—Our proven pre-war formula. Rotenone is still the best and safest control for bean beetles, cabbage worms and many other garden insects on the market. Safe for human, but deadly to insects. 1 1/2 lbs. 45c; 5 lbs. \$1.10; 20 lbs. \$3.50; 50 lbs. \$7.95.

**ROTENONE CONCENTRATE**—Finely powdered concentrate for large commercial users. Contains at least 4 1/2% pure rotenone. Lb. 95c; 10 lbs. \$7.50; 50 lbs. \$30.00.

**SABADILLA DUST**—Recommended for squash bug, lygus bug, cucumber and bean beetle, cabbage worms, lice and other insects. 2 lb. bag 65c.

**SANTO-MERSE**—A wetting agent and spreader recommended for use with various insecticides, fungicides and weed killing chemicals. Use 1 oz. to 6 gal. 4 oz. 50c; Pt. \$1.25; Qt. \$2.00; Gal. \$5.50.



## KILL SCALE APHIS! RED MITE!

Spray your trees and shrubs with Scalecide, complete dormant spray. Give them a clean, healthy start in spring growth.

1 gal. makes 16 gals. spray. Pt. 75c; Qt. \$1.15; Gal. \$2.75; 5 Gal. \$10.75; 15 Gal. \$24.90; 30 Gal. \$39.25; 55 Gal. \$57.40.

**SNAROL**—(With Metaldehyde) Most effective chemical known for control of snails, cutworms, sowbugs, etc. Non-injurious to vegetation. Lb. 50c; 2 1/2 lbs. \$1.00; 6 lbs. \$2.00; 50 lbs. \$13.00.

**SOIL FUME CAPS**—This safe, convenient and effective soil fumigant kills nematodes and wire worms. A proven formula of Ethylene Dibromide in a gelatin capsule. 100 capsules treats 100 sq. ft. Jar of 100, \$2.00; 200 for \$3.25.

**SULFORON (Wettable Sulphur)**—A microfine modified sulphur. The safeness of flotation type sulphur plus the convenience of a small package. Use as a dust or spray, for flowers, shrubs, fruits, etc. 6 lb. bag 90c; 50 lb. bag \$5.50.

**SULFORON X**—A fine grade of wettable sulphur having an average particle diameter of 4 Microns. Price 5 lb. bag 90c; 50 lb. bag \$6.25.

**SULPHUR (Dusting)**—Finely powdered for control of mildew, red spider, etc. 2 lb. carton 50c; bulk lb. 15c; 5 lbs. 60c; 10 lbs. \$1.00; 25 lbs. \$2.00; 50 lbs. \$3.50; 100 lbs. \$6.50.

**SUNOCO SPRAY OIL**—Control of scale insects is easy with Sunoco. Use on all fruit and shade trees as well as evergreens and ornamentals. Gal. can \$1.45; 5 gal. can \$5.80. In bulk in your container. Qt. 40c; gal. \$1.10; 5 gals. \$4.50. Also available in 55 gal. drums.

**TALC**—An inert dust carrier for mixing with various concentrated insecticides to be used in dust form. 5 lbs. 30c; 10 lbs. 50c; 50 lb. bag \$1.75; 5 bag lots \$1.65 per bag.

**TOBACCO DUST**—Lb. 30c; 5 lbs. 80c; 10 lbs. \$1.35; 25 lbs. \$2.95.

**TOXAPHENE-E (60%)**—An emulsion type concentrated solution used mainly for grasshopper control. Gallon ..... \$5.25.

**TREE TANGLE-FOOT**—Sticky paste type material used for banding trees against all climbing insects. 6 oz. can 90c; lb. \$1.50; 5 lbs. \$7.00; 25 lb. \$26.50.

**TRIOGEN**—Complete protection for roses against insects and plant diseases. Stainless and non-poisonous. Size "E" kit \$1.50; "A" \$2.35; "B" \$6.00; "C" \$9.00.

**TRIOGEN DUST**—Lb. \$1.19; 5 lbs. \$5.00.

**VOLCK OIL SPRAY**—For control of aphids, mealy bug, red spider, scale, etc., in the greenhouse or nursery. 4 ozs. 39c; 16 ozs. 79c; qt. \$1.40; gal. \$3.75; 5 gals. \$10.50.

**ZERLATE (Ziram)**—A proven Dupont fungicide for control of early blight on potatoes, tomato leaf-spot, celery leaf blight, brown rot of peaches and other fungi. Use 1 to 2 lbs. to 100 gals. of water. 3 lb. bag \$2.55.

**ZINC SULPHATE (Flake)**—Recommended for use in connection with arsenicals to prevent burning injury to susceptible fruit trees, etc. Lb. 30c; 10 lbs. \$2.00; 25 lbs. \$4.50; 100 lbs. \$14.50.

## PLANT HORMONES

## NO-SEED HORMONE Blossom-set FOR TOMATOES

Grow EARLIER, larger, meatier, more delicious TOMATOES, more on each plant, with this approved plant hormone. Just mix with water and spray. Stops blossom-drop; makes blossoms set fruit chemically. Tomatoes ripen up to 3 weeks earlier. Fruits are larger, firmer, more delicious. 4 oz. bottle (makes 1 gal.) 75c; Pt. (makes 4 gal.) \$1.75.

**ROOTONE**—A root hormone for faster, heavier rooting of cuttings. Pkt. 25c; 2 ozs. \$1.00; lb. \$5.00.

**TRANSPLANTONE**—Reduces shock of transplants with less wilt. 1 teasp. makes 10 gal. Pkt. 25c; 3 ozs. \$1.00; lb. \$4.00.

**POTATO FIX**—Prevents heavy storage losses of potatoes and root crops. Retards sprouting. Use 1 oz. to 1 bu. 9 ozs. \$1.00; lb. \$1.50; 5 lbs. \$6.00; 25 lbs. \$25.00.

# EVERY GARDENER NEEDS THESE ITEMS

**Help YOUR FLOWERS HOLD UP THEIR HEADS!**

**G&O PATENTED METAL PLANT PROPS**

All heights shown are overall. Deduct 4" from 16 size and 6 from all other sizes for net height.

78" 66" 42" 30" 16"

BAKED GREEN ENAMEL FINISH

Varying steel rod dia's from 1/8" to 5/16" to support any weight of plant. Hook 'em in and the job's done.

(a) Just Hook 'em in—the job's done. (b) Supports flowers, vegetables better. (c) Termite and rot proof. No rag ties. (d) Baked in garden green enamel. (e) So simple a child can place. (f) Processed stiff steel of varying thicknesses to suit required support.

16" size, 75c doz.; 30" size, \$1.75 doz.; 42", \$2.10 doz.; 66" \$3.50 doz.; 78", \$5.50 doz.

## FENCE RODS

Made of heavy steel wire in green enamel finish. Handy to erect as temporary barriers for new grass seedlings, as flower bed border or as plant supports. Simply run heavy twine or wire through the eyelets. 33" Doz. \$2.50; 6 doz. up @ \$2.35 per doz. 48" Doz. \$3.20; 6 doz. up @ \$3.00 per doz.

## G & O WICKETS



Green enameled wickets of 1/4 inch steel. Excellent for edging flower borders and walks. Decorative, practical, protective. Economical, too, as they last for years. Dozen \$2.95; 6 doz. up @ \$2.75 per doz.

FloraGLOW—Removes dust from leaves, imparts gloss and beauty to foliage of plants. Gives leaves a rich green lasting luster. 6 oz. bottle 49c; qt. \$1.50.

## BILD-A-FENCE WICKETS

A white plastic-bonded-on-steel wicket 26" high, 12" wide and made of 1/4" stock. Makes a pleasing, practical, protective barrier for edging beds, borders and shrubs. Package of 10 .....\$2.19

FloraLIFE—Prolong the life of your cut flowers. Pkt. (for 2 qts.) 10c; 30 qt. size \$1.00; 100 qt. size \$3.00.

## SEPTOSAN

Cleans septic tanks with safe, powerful yet harmless enzyme action. Turns solids into liquids. Saves cost and muss of frequent clean-outs, reduces odors. Simply flush down toilet once a week. Per box (6 weeks supply) .....\$1.50

## BAMBOO STAKES

Green dyed bamboo, pencil thickness.

	Per 25	100	500	1000
18-inch .....	.25	.75	3.50	6.50
24-inch .....	.33	1.00	4.50	8.50
36-inch .....	.50	1.50	7.00	13.00
48-inch .....	.65	2.00	9.00	17.00

## NO. 10 VITA-BANDS

This is a medium weight nutrient-treated band designed for growing all kinds of plants.

	Per 25	100	500	1000
2 x 2 1/2" .....	.25	.80	\$3.35	\$ 6.00
2 1/2 x 3" .....	.35	1.10	4.30	7.60
3 x 3" .....	.40	1.25	5.15	9.25
4 x 4" .....	.65	1.90	7.60	14.20

## NEPONSET PAPER POTS

Round waterproof paper pots for growing plants. Ideal for transplanting into and for shipping.

	Per 25	100	500	1000
2 1/4" .....	.45	\$1.35	\$5.35	\$9.70
2 1/2" .....	.45	1.35	5.40	9.80
3" .....	.50	1.45	5.75	10.35
3 1/2" .....	.60	1.90	7.50	13.75
4" .....	.70	2.15	8.50	16.50

## WOOD PLANT MARKERS

	Per 25	100	250	500	1000
3 1/2" wired \$1.15	.55	\$1.15	\$2.00	\$3.40	
5 x 5/8" ....	.15	.50	1.10	1.85	3.10
6 x 5/8" ....	.15	.55	1.15	2.00	3.40
8 x 5/8" ....	.25	.75	1.55	2.65	5.00
8 x 7/8" ....	.35	1.10	2.20	3.80	7.30
10 x 7/8" ....	.40	1.25	2.50	4.30	8.30
12 x 1 1/8" ..	.55	1.65	—	7.25	14.00

Wood Label Pencil—Each 15c; Doz. \$1.50.

## WOOD SEED FLATS

Made of enduring white cedar. Comparable to cypress in lasting qualities. 14x20x 3/4" inside.

	Set Up	K. D.
Each .....	.75	.65
5 .....	3.50	3.00
10 .....	6.50	5.50
25 .....	14.75	12.25
100 .....	54.00	44.00

## METAL SEED STARTER

Sub-irrigated water-tight steel tray, 12x14" complete with drain plug and sub-tray. Rust-resistant; guaranteed for 5 years. Each \$2.75.

## TWISTEMS PLANT TIES

Just a simple twist of the wrist and the plant is tied!

Strong, waterproof, dark green tapes, wire reinforced. Fine for tying up annuals and perennials, vines or vegetables. Nice for arranging flowers—also for bunching vegetables. 100 in a box. 8" size 25c; 16" size 50c box; 250 ft. roll \$1.00.

## TWISTEMS in bulk packages

	8"	12"	16"
250 .....	.60	.90	\$ 1.20
1000 .....	2.00	3.00	4.00
5000 .....	8.50	12.75	17.00
10,000 .....	16.00	24.00	32.00

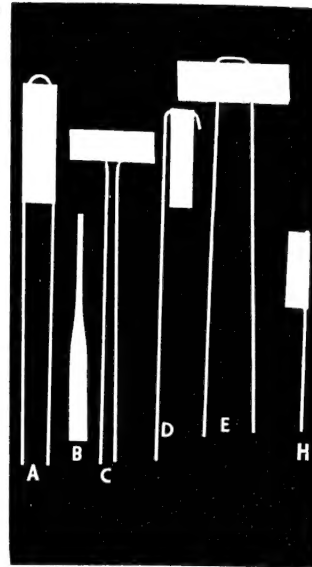
**TRAIN-ETTS**—New sweet pea trellis made of strong green cotton cord. Easy to erect and weatherized against rot.

No. 1 (60 x 72") .....	65c
No. 2 (60 x 96") .....	85c
No. 3 (60 x 180") .....	\$1.25

## "EVERLASTING"

### ZINC GARDEN MARKERS

A plant marker which is neat and unobstrusive, yet effective and permanent. Rust-Resistant wire standards with pure zinc name plates. Use both sides if needed.



	Doz.	25	100
Style "A" .....	.70	\$1.35	\$4.50
Style "B" .....	.15	.30	1.00
Style "C" .....	.70	1.35	4.50
Style "D" .....	.40	.80	3.00
Style "E" .....	.80	1.55	5.50
Style "H" .....	.45	.85	2.95

### REFILLS

Style "A" .....	.25	.50	1.75
Style "C" .....	.20	.40	1.50
Style "E" .....	.40	.75	2.75

Special Pencil for above  
Each 15c; dozen \$1.50

**ALUMITAGS**—A thin aluminum foil label 1 x 4 inches, wired for attaching to tree, shrub, plant or stake. Any sharp writing point will emboss the metal PERMANENTLY. Pkg. of 25 .....35c

## COTTON BRAID

Here is a soft cotton braid, 1/4 inch wide, put up on spools of 100 yds. each. Its green color blends well with the foliage and it is rot-resistant. One of the best plant tying materials.

Per spool 85c

**Self-WATERING**

Scientific FLOWER POT that has Everything. Beautiful color blends of red, green, yellow or ivory pots with contrasting black base.

4" size \$1.00  
doz. \$11.00  
5" size \$1.50  
doz. \$16.50

it's-WIK-FED

## FLYING DISK

### SCARE Birds and Animals Away

Amazing protection for newly planted seeds, berries, tender seedlings, fruit trees, etc. Made of shining aluminum, FLYING DISKS spin and whirl madly in all directions—give blinding reflections and weird jingling, crackling sounds—to scare birds and animals away. Easily strung across area to be protected—or from branches of fruit trees and vines.



10 FLYING DISKS with complete instructions, only 25¢



# HORTICULTURAL NEEDS

## CLAY POTS SAUCERS

	Each	Doz.	100	Each	Doz.
2½"	\$.04	\$.45	\$ 3.00		
3"	.05	.55	3.80	.05	.55
4"	.07	.75	5.50	.07	.75
5"	.12	1.25	9.60	.10	1.10
6"	.17	1.90	14.50	.14	1.50
7"	.27	3.00	22.00	.19	2.05
8"	.40	4.50	33.00	.25	2.75
9"	.60	6.50	51.00	.30	3.30
10"	.80	8.75	68.00		

## LUXOR Porch Pots & Saucers

An extra heavy semi-ornamental pot with palm leaf design in a two-tone buff and green finish. 8" size \$1.00; 10" size \$2.00; 12" size \$3.00.

## "Moist-Shur" PLANTRAYS

A practical rubber flower pot saucer with absorbent felt pad in center for moisture retention. May be used on any piece of furniture without scratching or water-marking. Specify Red or Green.

No. 1 (for up to 6" pot)	\$.25
No. 2 (for up to 8" pot)	.50
No. 3 (for up to 12" pot)	1.00
No. 4 (for larger pots)	2.00

## METAL WINDOW BOXES

Rust-resistant water-tight construction guaranteed for 5 years service. Sub-irrigation and drain plug provided.

Width	Length	Depth	Color	Price
5½"	14½"	4"	White	\$2.50
6¼"	20"	5½"	Green	3.25
6¼"	26"	5½"	Green	3.75
6¼"	32"	5½"	Green	4.25
6¼"	38"	5½"	Green	5.00
6¼"	44"	5½"	Green	6.00

## WINDOW BOX STANDS

A substantial wrought iron stand for the above window boxes or any of similar size. Enamel finish. 20", \$5.00; 26", \$5.50; 32", \$6.00.

## POTTING SOIL

**B & E**—Sterilized potting soil combined with Vermiculite, sand and manure. Suitable for African violets or any other flower or vegetable plants. 2-lb. pkg. 25c; 30-lb. box \$1.10.

**ACTIVATED POTTING SOIL**—A fine dark potting soil mixture energized with Activo and containing a very high organic content. Packed in three pound plastic bags. Per bag 39c.

**PERMA-SOIL**—A rich dark colored potting soil expertly blended with the amazing new soil conditioner, **KRILIUM**. Just enough has been added to give a smooth mellow blend of loose-structured, non-packing soil suitable for all plants. 3 lb. pkg.—49c.

## AIRWRAP KIT

The easy method of propagating roses, trees, shrubbery, etc. Everything you need is included; 8 sheets Airwrap plastic, propagating moss, 16 ties and complete instructions for use. Per Kit—\$1.95.

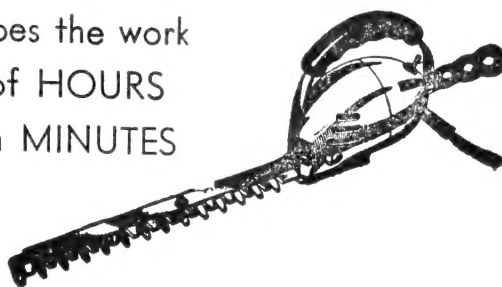
## NATIONAL Eezy Wear GARDEN GLOVES



Give you everything you want. All-Leather DIRT-PROOF, SOFT AS KID. Easy to Wear. Durable. WASHABLE. Outwear 6 pairs of fabric. Also ideal for house, basement, garage, furnace, etc. Sizes 7, 8, 9 and 10. Per Pair, \$1.65.

## SKILSAW ELECTRIMMER

Does the work  
of HOURS  
in MINUTES



Has ¼ h.p. universal motor which operates from any light socket. Very easy to handle—weighs only 6 lbs. Enclosed gear case with special alloy gears packed with grease. Finest crucible steel cutter blade, 12 inches long. Complete with 6 ft. of rubber covered cord. Each \$44.95.

## "SUNBEAM" ELECTRIC SHEAR

A famous name in electrical appliances. Precision-built in every detail. Plugs into any AC-DC household outlet. Very light weight with 12" cutting blade, \$49.75.

## ELECTRIC GRASS TRIMMER

The No. 700 Seymour-Smith back-saving time-saving long handled trimmer. Powerful AC-DC ball bearing motor. Slip clutch protects knife and motor from damage. Light in weight; priced to sell. Just, \$29.95.

## EXTENSION CORDS

Rubber covered 18 gauge copper wire cord suitable for outdoor use with electric hedge shears or other appliances. Equipped with heavy duty type connectors. 25 ft. length, \$2.65; 50 ft. length, \$4.50; 75 ft. length, \$6.25; 100 ft. length, \$8.25.

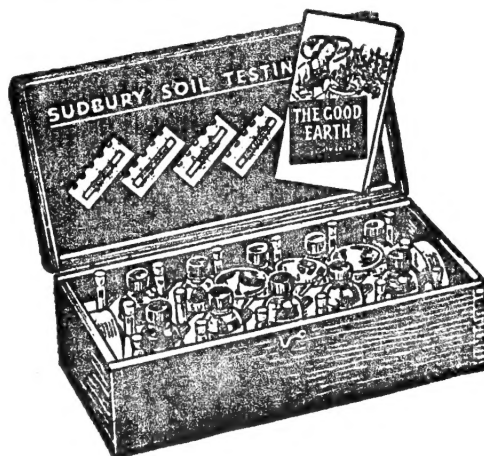
## HAND HEDGE SHEARS

WISS NO. 6½ Light Wgt.	\$3.25
WISS No. 8A, 8" Blade	3.75
WISS NO. 8½ E Finest Steel	4.95
WISS No. 9½ E	5.25
DOOKLIP No. 6 Serrated 8-in. cut	4.25

## GRASS SHEARS

Wiss No. 5600 forged steel	\$2.50
Wiss No. 700 cutlery steel	1.95
S-S No. 017 "Handy"	1.49
S-S No. 257 "Ezy-cut"	2.50
Doo-Klip "Stand-up" type	3.85
Doo-Klip Std. No. 1	2.19
Disston Sheep Shear Pattern	1.50

## SUDBURY Soil Test Kits



Provides a simple method of determining the nitrogen, phosphorus and potash content and the degree of acidity.

Home Garden Kit (20 tests)	\$2.98
Club Model (50 tests)	5.89
Horticultural Model "B"	14.95
Professional Deluxe Model "A"	29.95
Additional testing fluid: 2-oz. bottle	1.35
6-oz. bottle	2.50

## HAND PRUNING SHEARS



## WISS No. 908 "HY-POWER" PRUNING SHEAR

Smooth, effortless cutting action prevents injury to the bark. Keen cutting edge remains sharp indefinitely. All parts replaceable. Heavily nickel plated. \$2.75.

WISS No. 609 Standard 9"	\$2.75
WISS No. 607 Ladies 7"	2.25
WISS No. C-4A Curved Blade	2.60
S-S No. 90 Prof. Double cut	5.00
S-S No. 119 Orig. Snap-Cut	2.75
S-S No. 419 Lt. Wgt. Snap-Cut	2.75
S-S No. 118 Ladies Snap-Cut	2.25
ANGESA Italian Shear, fine quality—a real buy	1.80
DOOKLIP No. 5 Snap-Cut	2.59
ALLIGATOR SHEAR, No. 1, 12"	1.75
WISS FH4 Flower Cut-Holder	2.25
"KLEEN-CUT" Flower Cutter-Holder	1.49

## LOPPING SHEARS

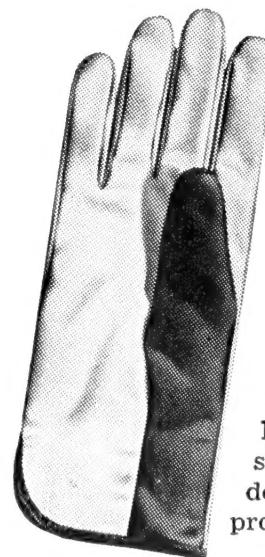
WISS No. 19FB	\$4.25
WISS No. 20V, 20"	\$4.95
WISS No. 224T, 24"	5.95
S-S TIFFANY 25", thin blade	5.50
S-S TIFFANY 30", thin blade	5.75

## POLE PRUNERS

"WATERS" Pattern. { 6' .....	4.00
The popular lever ac- { 8' .....	4.50
tion. cuts up to 1" { 10' .....	5.00
size stock. { 12' .....	5.50
S-S No. 11-1" rope pull, head only	\$4.20
10' Basswood Pole only	2.60
S-S No. 12-1½" rope pull, head only	8.25
S-S No. 20 Pole Saw and head only	4.20
12' Basswood Pole for No. 12 Head	4.60

## HAND PRUNING SAWS

S-S No. 514 Draw-Cut Saw	\$2.75
DUPLEX No. 4 Doub. edge saw	3.55
ATKINS No. 11 Open tapered saw	4.10
DISSTON No. 15 Swivel Blade	4.15
ATKINS No. 1-16 All-purpose saw	3.85
ATKINS No. 3-14 Speed saw	5.75



## "Green Thumb"®

They really do have a green thumb and they're vinyl-impregnated to keep out dirt, wear several times longer, wash without shrinking. Every gardener needs a pair to protect her hands.

Sizes small, medium and large **89c**

# ROSES FOR YOU IN '54

Northern California Grown, heavily caned plants

**GUARANTEED** (1) True to name; (2) To Bloom; (3) Select No. 1 quality.  
Stocks available about March 15th—Place orders early for delivery on arrival.  
Any complaints must be registered before June 30th.

**THE GARDEN STORE** 107-109 East Third St. **DAYTON 2, OHIO**

\*Denotes Patented Varieties

## HYBRID TEA ROSES

	Each
*CHARLOTTE ARMSTRONG, deep pink	2.25
CHRISTOPHER STONE, bright scarlet	1.35
*CHRYSLER IMPERIAL, crimson red (new)	2.75
CONDESA DE SASTAGO, red and gold	1.35
COUNTESS VANDAL, two-tone pink	1.35
*CRIMSON GLORY, fine deep red	1.75
ENA HARKNESS, crimson scarlet	1.35
ETOILE DE HOLLANDE, bright red	1.35
*FORTY-NINER, chrome yellow and red	2.50
*GOLDEN SCEPTER, sparkling yellow	2.00
*HELEN TRAUBEL, new apricot pink	2.75
K. A. VICTORIA, snowy white	1.35
*K. T. MARSHALL, lovely pink	1.75
*LOWELL THOMAS, chrome yellow	2.00
McGREDY'S IVORY, ivory white	1.35
*MIRANDY, large garnet red	2.25
*MOJAVE, radiant orange blend (new)	3.00
MRS. P. S. DuPONT, golden yellow	1.35
*NEW YORKER, crimson red	2.00
*NOCTURNE, cardinal red	2.00
*PEACE, large yellow, shaded pink	2.50
PICTURE, fine rose pink	1.35
POINSETTIA, unfading scarlet	1.75
PRES. HOOVER, orange and flame	1.35
SISTER THERESE, golden yellow	1.35
*SLEIGH BELLS, fragrant white (new)	2.00
*SUTTER'S GOLD, orange and yellow	2.25
*TALLYHO, dusty cerise	2.00
THE DOCTOR, satiny pink	1.35

## FLORIBUNDA ROSES

	Each
*FASHION, new salmon pink	2.00
FLORADORA, cinnebar red	1.35
*GOLDILOCKS, the best yellow	1.50
LAFAYETTE, glowing red	1.35
*LILIBET, dainty clear pink (new)	2.50
*MA PERKINS, coral pink (new)	2.25
*PINOCCHIO, rich salmon	1.50
*RED PINOCCHIO, velvety carmine	1.50
ROSE ELFE, LaFrance pink	1.35
*VOGUE, rose, flushed salmon	2.25
WORLD'S FAIR, velvety deep red	1.50

## CLIMBING ROSES

*BLAZE, brilliant scarlet (recurrent)	1.35
*CLBG, CRIMSON GLORY (recurrent)	2.50
CLBG. E. De HOLLANDE (recurrent)	1.35
*CLBG. GOLDILOCKS (recurrent)	2.50
*CLIMBING PEACE (recurrent)	2.50
CLBG. P. S. DuPONT, (recurrent)	1.35
CLBG. TALISMAN (recurrent)	1.35
*DR. J. H. NICHOLAS, pink pillar (recurrent)	2.00
NEW DAWN, light pink (recurrent)	1.75
PAUL'S SCARLET, vivid scarlet	1.35

## QUANTITY DISCOUNTS

10% off list on 10 or more plants

## All America Roses For 1954

**LILIBET**—Named in honor of the British Queen Elizabeth II. A hardy plant producing clusters of exquisite pink tones. Color ranges from light rose to soft dawn pink.

**MOJAVE**—Long slender buds of salmon, apricot and orange blend. Occasionally in cool weather the salmon changes to red, blended with the other two colors.

LILIBET  
A.A.R.S. 1954

MOJAVE  
A.A.R.S. 1954